

No. 3
SUPERIOR
CORN-PLANTERS

MANUFACTURED BY
THE AMERICAN SEEDING MACHINE CO.
INCORPORATED
SPRINGFIELD, OHIO, U.S.A.

*"The Name Tells
a True Story."*

The Superior No. 3 Corn Planter

HILLING OR DRILLING

No valves to change--Change from Drilling to Hilling made instantly from the Seat.

For Drilling, engage the foot drop rod with casting on rock shaft, attaching notch at extreme end. Press down on foot drop lever. This sets the valves in proper position for drilling, at the same time throws switch on clutch device, causing continuous rotation of grain shaft for drilling. Simply one operation of the foot places valves and spouts for drilling, also causes seed plates to rotate continuously.

When turning at end of row, press down on treadle with foot—drilling stops.

The seed plates regularly supplied with Planter provide distances most commonly used for drilling, hence seldom change of seed plates is necessary.

*Observe the
Channel
High Car-
bon Steel
Frame.*



A splendid view of the Superior Plain Corn Planter, showing the drum style reel spool, with guide for controlling the wire when rewinding.

The splendid arrangement of the seat is here shown. Note front frame braces, which provide means for adjusting independently each furrow opener with reference to the knot on wire.

The painting, strength of detail, and the symmetrical lines throughout the whole assemblage of parts are worthy of more than mere passing notice.

Superior Corn Planters are furnished with both flat and edge drop plates—no possible argument with reference to flat or edge drop systems. With the Superior it is up to the farmer; we give him a start on both systems; both are his for the one cost. No competitors' make can perform better work than the Superior. The Superior edge drop plates are different from other makes; not particularly in the cell structure, but the means for gathering and filling the cells with corn is new, and produces most satisfactory results.

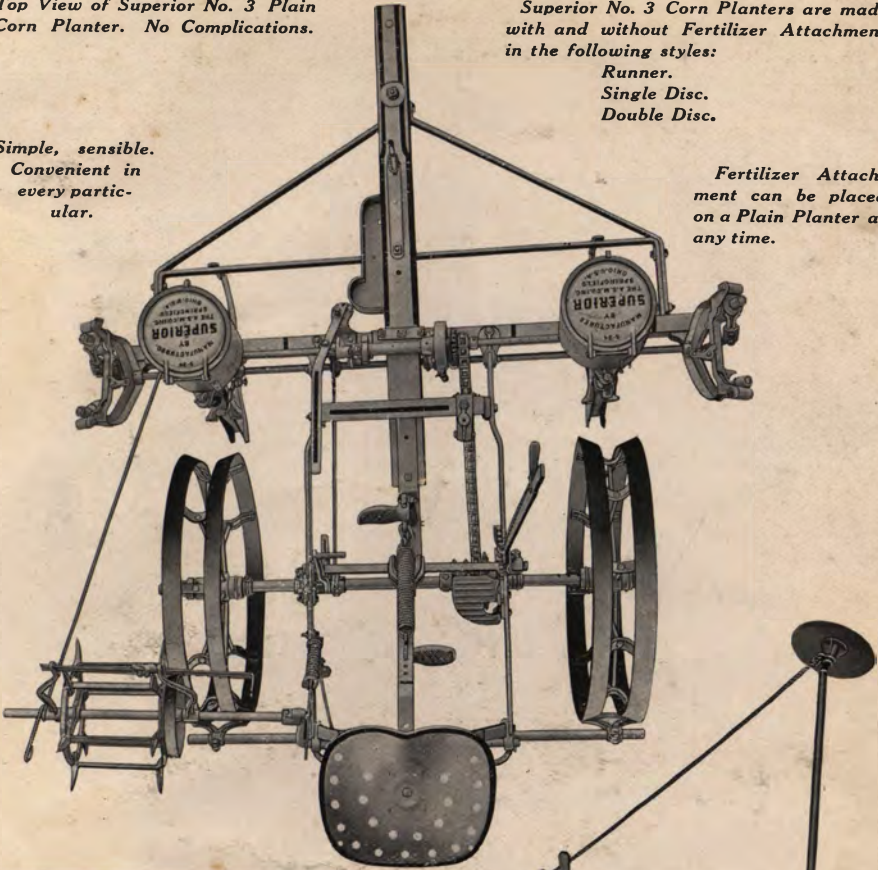
*Top View of Superior No. 3 Plain
Corn Planter. No Complications.*

*Simple, sensible.
Convenient in
every partic-
ular.*

*Superior No. 3 Corn Planters are made
with and without Fertilizer Attachment
in the following styles:*

*Runner.
Single Disc.
Double Disc.*

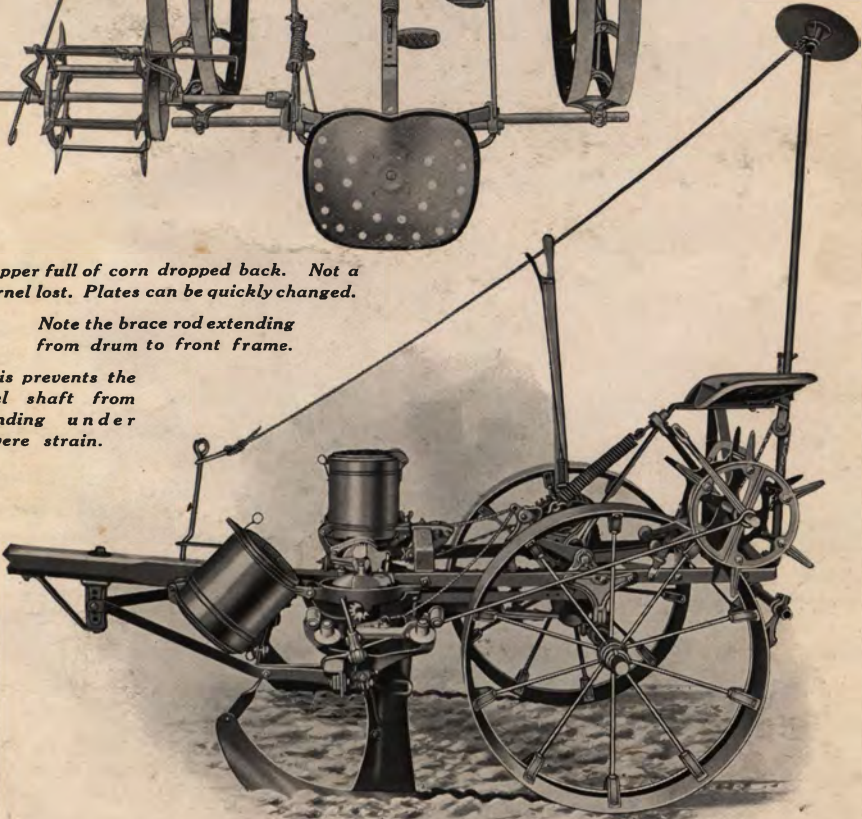
*Fertilizer Attach-
ment can be placed
on a Plain Planter at
any time.*



*Hopper full of corn dropped back. Not a
kernel lost. Plates can be quickly changed.*

*Note the brace rod extending
from drum to front frame.*

*This prevents the
reel shaft from
bending under
severe strain.*

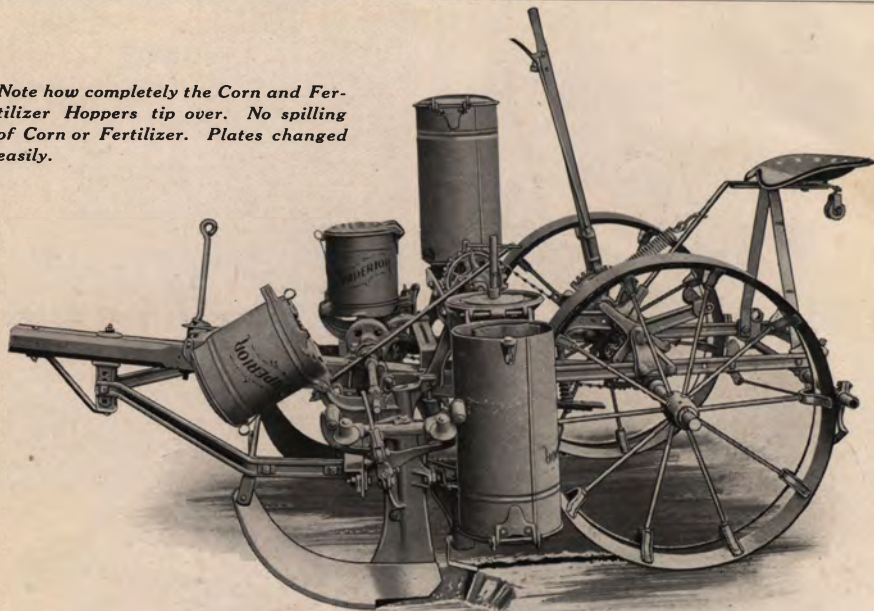


Superior No. 3 Plain Runner Corn Planter with Reel, Check Rower and Marker.

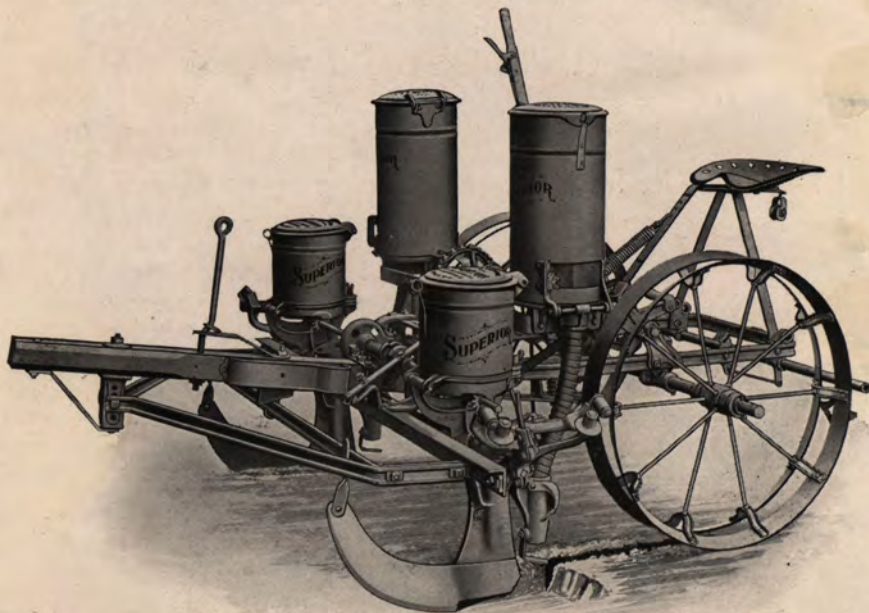
*"The Name Tells
a True Story."*

The Superior No. 3 Corn Planter

Note how completely the Corn and Fertilizer Hoppers tip over. No spilling of Corn or Fertilizer. Plates changed easily.

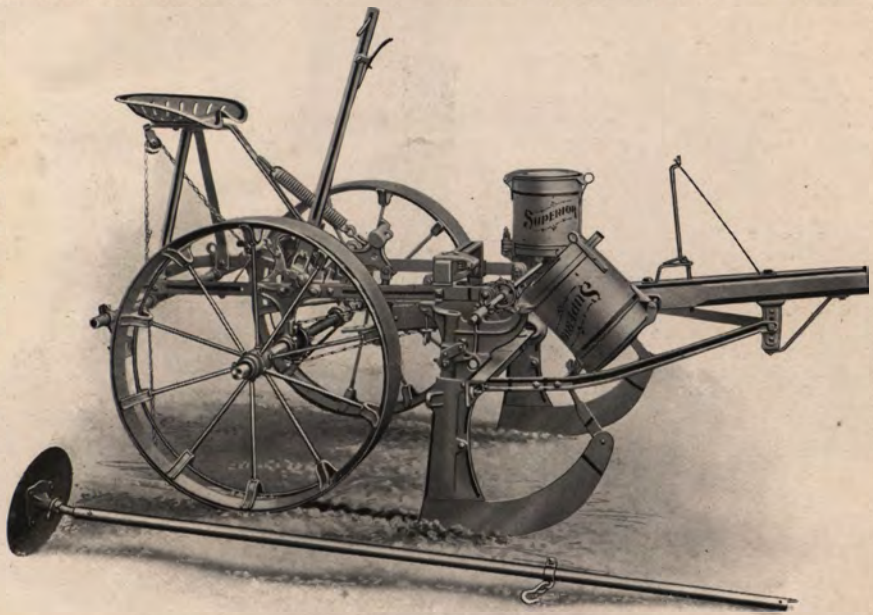


Side View Superior No. 3 Runner Fertilizer Corn Planter, showing hoppers tipped over.



Side View Superior No. 3 Runner Fertilizer Corn Planter, showing hoppers in position for work.

The Superior No. 3 Two-Horse Corn Drill *"The Name Tells a True Story."*



The Superior TWO-HORSE CORN DRILL with Runner Furrow Openers.

The principle upon which this simple and effective machine is built are exactly the same as the standard Superior Check Row Corn Planter.

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.

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. **True and smooth round steel tubes** conduct the kernels to the furrow as regularly as the plates dispose of them. No bouncing around; no protruding parts in the spout to obstruct the falling corn. The spout is as straight as a gun barrel.

Regular widths of adjustment, 28 inches to 3 feet 10 inches. Ten 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 distances of 10, 13, 15, 17, 19 and 29 inches apart in the row.

Special plates for dropping distances not included in above.

Fertilizer attachment readily applied to planter.

Regular equipment **runners.** Double discs, and single discs also provided when specified.

*"The Name Tells
a True Story."*

The Superior No. 3 Corn Planter

Best designed double discs ever put on a planter post.

Level on bottom. One in advance of the other protects open space in front. Cleaves the surface perfectly.

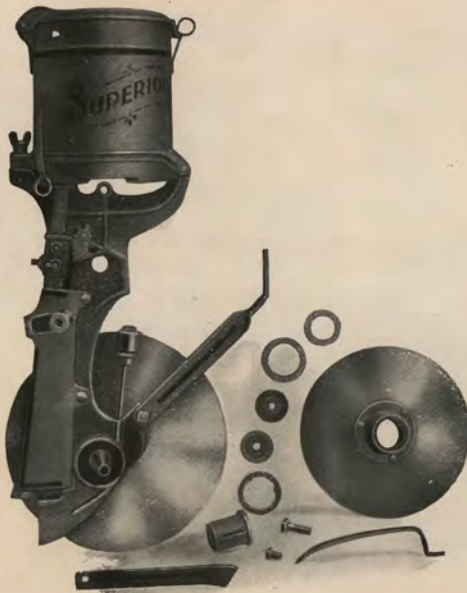
Parallel bearing bushing removable from taper center stud. The chilled parallel bushing does not revolve.



The oiling features are just right, protected by internal and external felt washers and steel caps. Dust proof and oil retaining.

External and internal scrapers of best design.

*Side View Superior Double Disc
Corn Planter Furrow Opener.*



*Superior Double Disc Corn Planter Furrow Opener
and Parts.*



*Front View Superior Double Disc Corn
Planter Furrow Opener.*

Superior Single Disc Furrow Openers for Superior Planters are the best and most perfect working devices of this character ever made.

The angle of the disc is correct; best for hillside work. Best for hard and trashy ground.

The angle of both right and left hand discs is such as to cause a steady motion directly in the line of the draft.

The oiling feature is like the double disc, thoroughly protected by internal and external felt washers and steel caps.

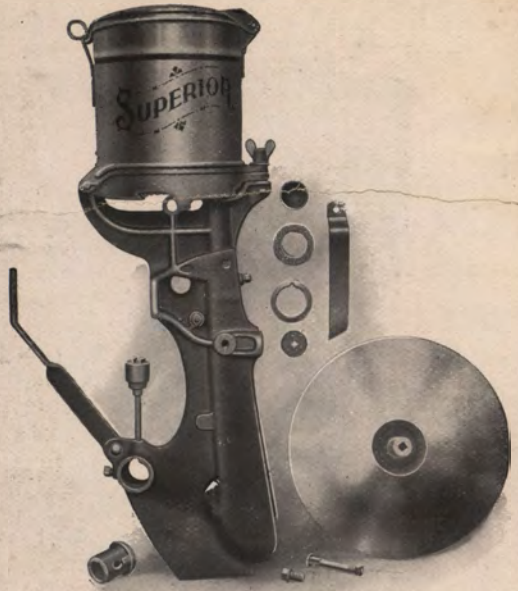
Perfectly dust proof.

Superior Single Disc Furrow Openers for corn planters shape the bottom of the trench just as it should be.

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

Scraper for the convex side of disc, simple and effective.

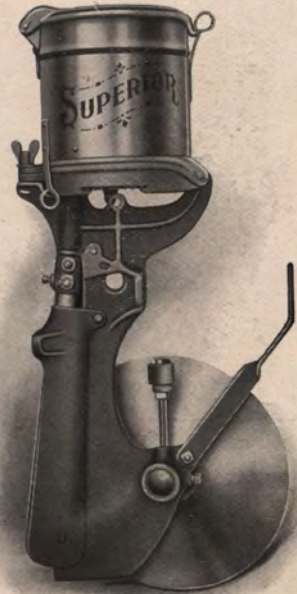
Covering blades supplied free with Single Disc Furrow Openers only.



Superior Single Disc Corn Planter Furrow Opener and Parts.



Concave Side Single Disc Furrow Opener



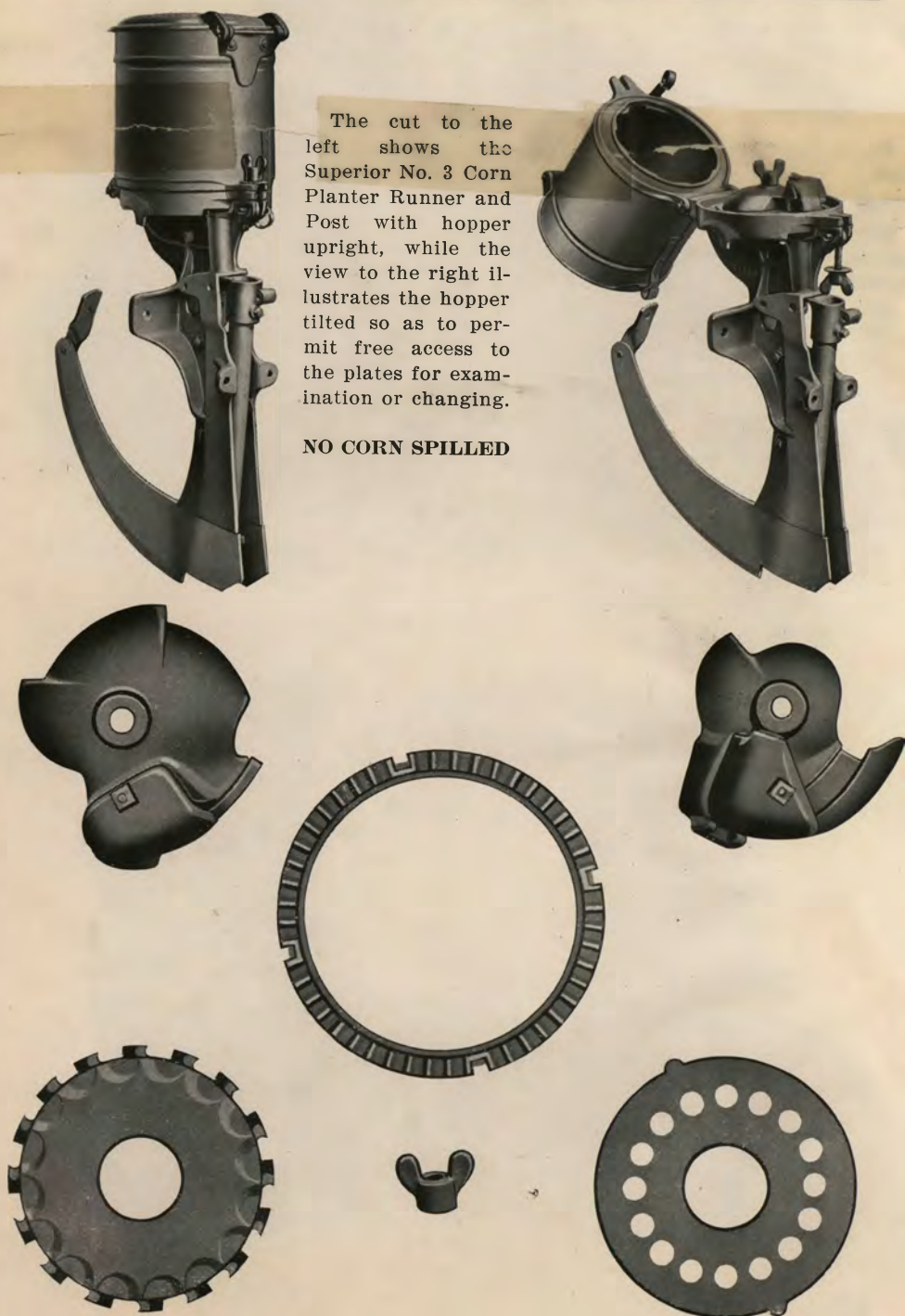
Convex Side Single Disc Furrow Opener

*"The Name Tells
a True Story."*

The Superior No. 3 Corn Planter

The cut to the left shows the Superior No. 3 Corn Planter Runner and Post with hopper upright, while the view to the right illustrates the hopper tilted so as to permit free access to the plates for examination or changing.

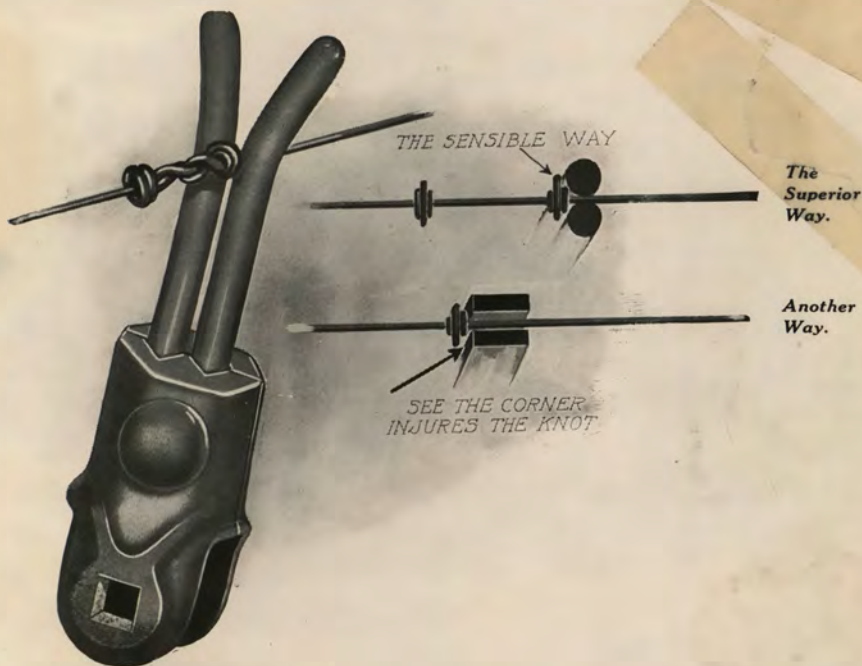
NO CORN SPILLED



Superior No. 3 Corn Planter Edge Drop and Round Hole Plates with Caps and Gear Ring.

The Superior No. 3 Corn Planter

"The Name Tells
a True Story."



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

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

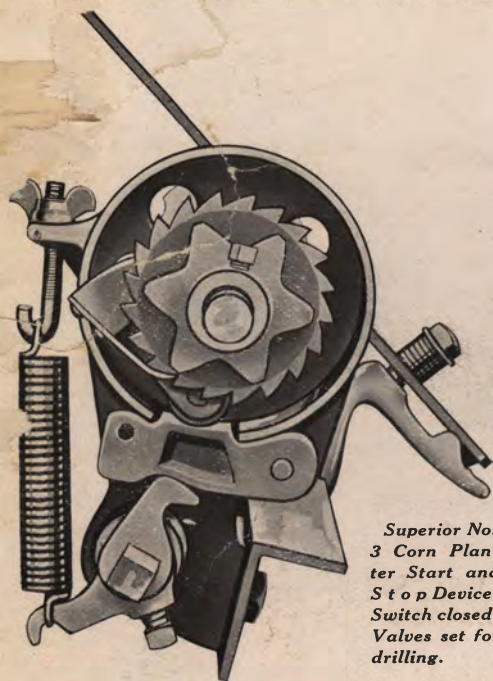
There are many things to consider when buying a corn planter, and this is one of them.



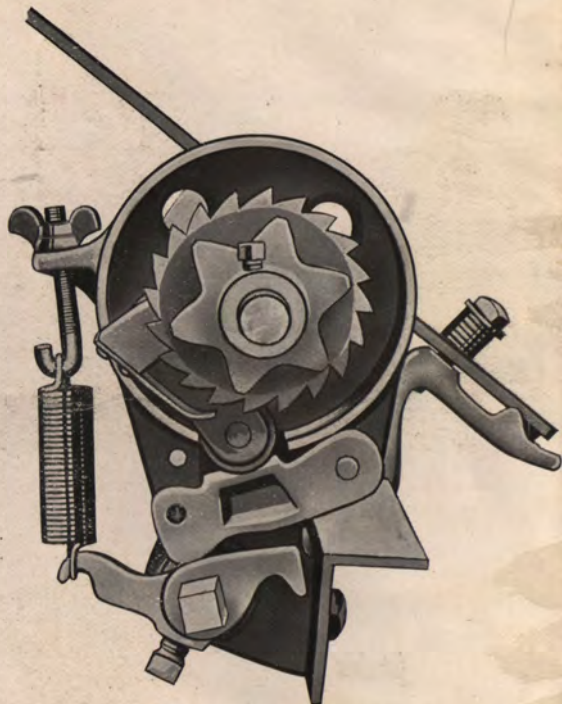
*Superior Automatic Marker Lift.
Chain Automatically Lifts the Marker.*

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a True Story."*

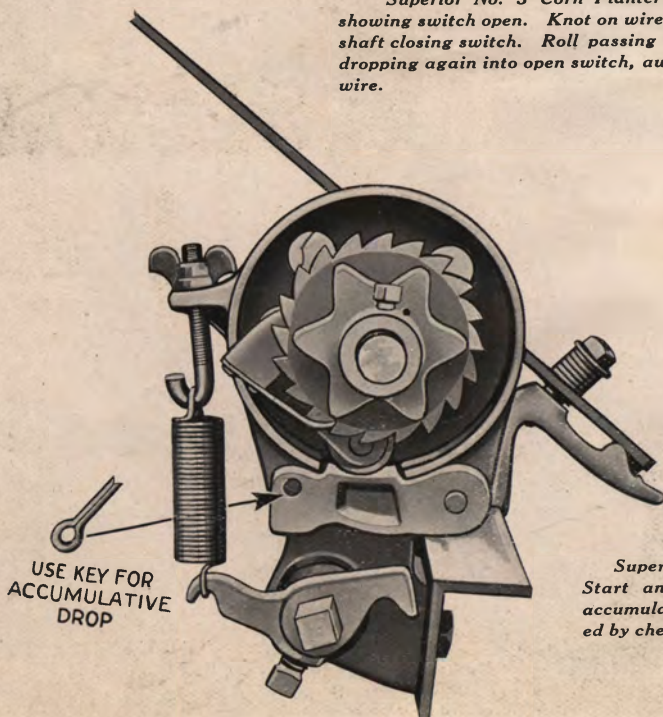
The Superior No. 3 Corn Planter



Superior No. 3 Corn Planter Start and Stop Device. Switch closed. Valves set for drilling.



Superior No. 3 Corn Planter Start and Stop Device showing switch open. Knot on wire works fork on the rock shaft closing switch. Roll passing once 'around the track, dropping again into open switch, awaiting action of knot on wire.



USE KEY FOR
ACCUMULATIVE
DROP

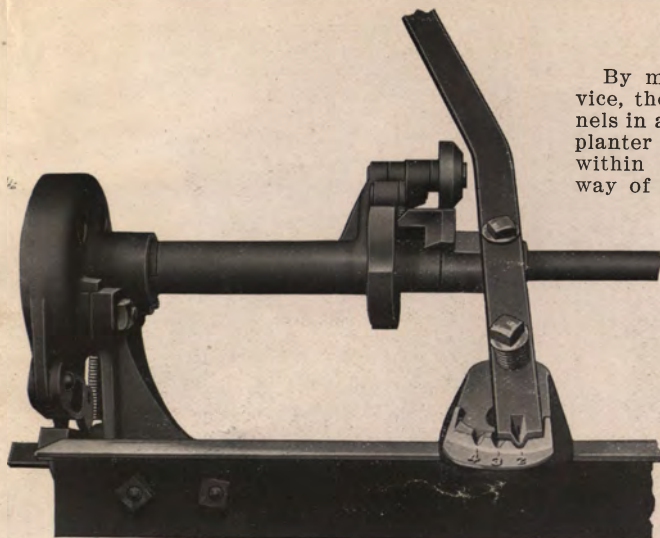
Superior No. 3 Corn Planter Start and Stop Device set for accumulative drop. Valves opened by check wire.

Variable Drop

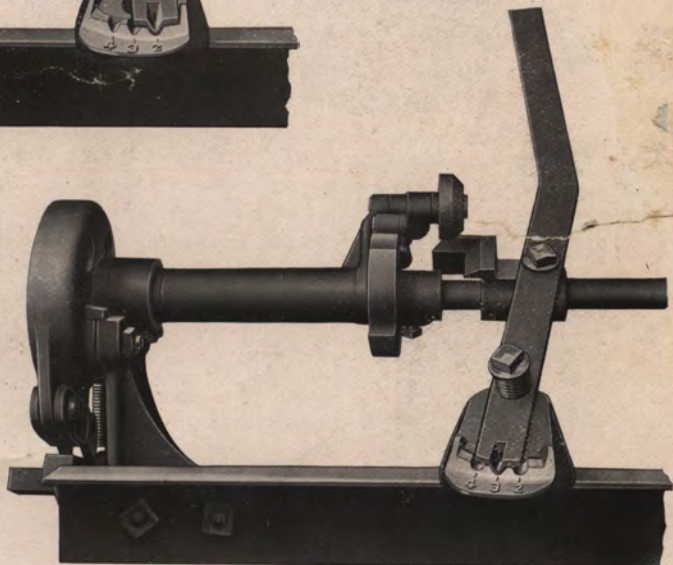
By means of this extremely simple device, the operator may drop 2, 3, or 4 kernels in a hill without dismounting the planter or changing of seed plates. A lever within convenient reach moves the clutch roller so that the number of kernels in hill may be maintained; this without leaving the seat or stopping the team. A simple and responsive device for varying number of kernels in hill yet devised.

Thoroughly tested and on the job every minute.

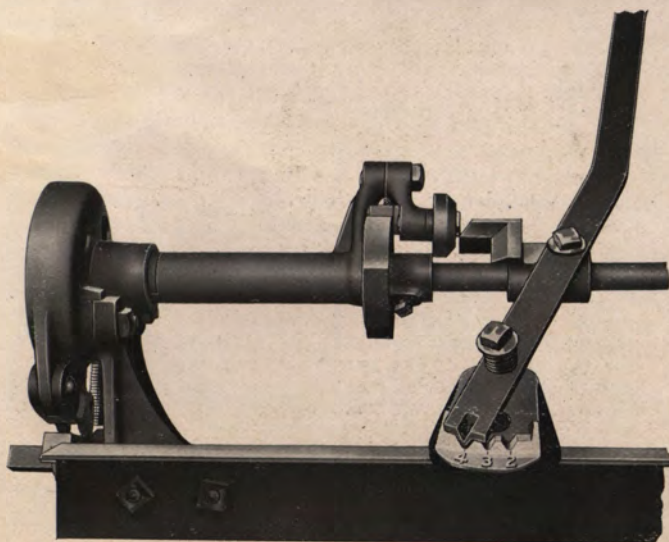
A "two in one" machine, Edge Drop, Flat Drop.



Superior No. 3 Corn Planter Variable Drop Device set for 2 kernels in each hill when 16-hole plate is used.



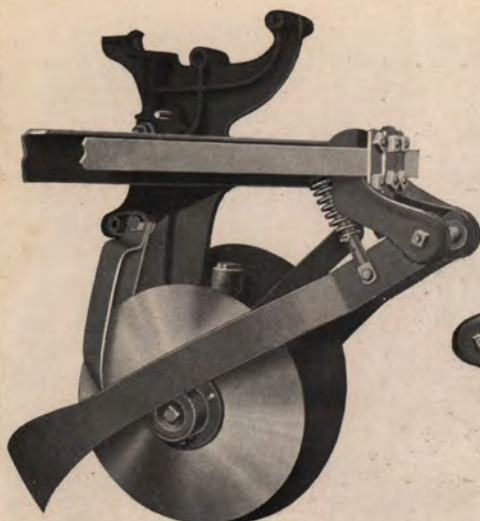
Superior No. 3 Corn Planter Variable Drop Device set for 3 kernels in each hill when 16-hole plate is used.



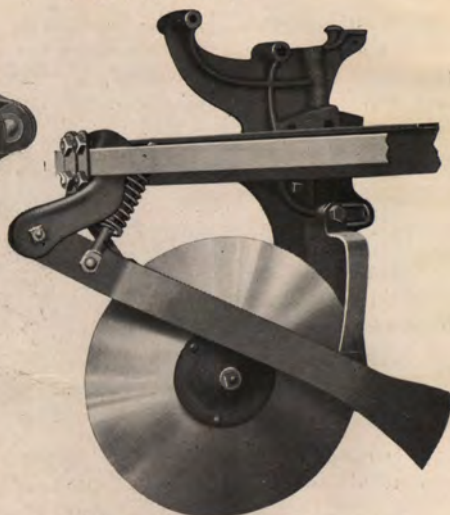
Superior No. 3 Corn Planter Variable Drop Device set for 4 kernels in each hill when 16-hole plate is used.

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 also, that should a 12-hole plate be used and the lever be thrown to No. 4 Notch, (which will cause the Variable Drop to be out of commission) the 12-hole plate will drop 3 kernels in each hill by means of the clutch proper.



Single Disc Furrow Opener with Covering Blades. These Covering Blades are always furnished FREE with SUPERIOR SINGLE DISC Corn Planters.



Double Discs with Covering Blades.

Furnished ONLY ON SPECIAL ORDERS at EXTRA COST.

Disc Furrowing Attachment for Disc Runner Planters



Disc Furrowing Attachment for Superior Runner Corn Planter.

Where it is desirable to open a wide and deep trench in which to plant corn, we advise the use of the Superior Disc Furrowing Attachment. This device will open a furrow from 7 to 10 inches wide, and is practically a universal device, as it may be used on nearly all makes of runner planters now on the market, but we only guarantee it to fit Superior Runner Corn Planters. The cut to the left gives a good idea of this attachment.

The strong tubular shaped saddle which straddles the runner of the planter is held firmly in place by means of set screws.

The disc blades are 13 inches in diameter and fitted with parallel chilled spindles which are solidly riveted to the discs. Over this bearing is fitted a removable sleeve. The form of the saddle being tubular, and extending without openings across the shoe, makes it impossible for dirt or grit to drop down to the bearing. Adequate means for oiling are provided. Oil cones are located between the discs.

The Discs may be adjusted vertically or laterally. The lateral adjustment of the discs is an exclusive Superior feature.

The work of the Superior Furrowing Attachment is very satisfactory where deep planting is preferred, and resembles very much the Western Lister.

As shoes wear away the saddle may be raised vertically, as it is essential that the discs do not extend below the bottom of the runner, but always from $\frac{1}{2}$ to 1 inch above the edge of same. This leaves sufficient earth for the runner to open a furrow and cover the corn.

Dust proof, best bearing, and lateral adjustment are features much appreciated by those who use the Superior Disc Furrowing Attachment.

The Superior No. 3 Corn Planter

*"The Name Tells
a True Story."*

Width of Row. In this respect we have produced a standard of our own, so to speak, making adjustments as low as 28 inches, and then, in steps of 2 inches, other different widths, the last being 3 feet 10 inches—a very wide range of widths surely—for one machine.

Stands. Valve stands are made different than other planter stands—purposely so. Readily moved—every working part in plain sight.

Stop Motion. The stop motion device for checking possesses new and highly effective features, easy on the wire, a mere touch of the knot does the work.

Valve Spouts. The steel spouts bring the best results; clean cut—neatest ever put on a machine—no clogging—clean interior. Ample provision made for escape of dust at bottom valve.

Rock Shaft. The square rock shaft for bell cranks and other fittings prevents slipping or lost motion and should not be overlooked—better than a round shaft.

Hinge-Back Seed Hoppers. Superior Seed Hoppers have double hinge-back bottom for changing plates or examination of same.

Adjustment of Furrow Openers. Highly effective arrangement for adjusting furrow opener relative to the check or knot on wire, the only planter that can adjust **independently** each runner or disc. With other planters, both must be changed. Often one furrow opener is right, the other one not. Superior method of adjustment brings both right with the knot. Examine this feature.

Double Disc Furrow Openers. Superior double discs for corn planter purposes are constructed to give the best possible results at any required depth—good construction. The reservoir for the oil is of large capacity. The discs revolve upon chilled parallel bearings, which are renewable. The discs are always in the right position and can not be changed. The construction of discs for the Superior Corn Planter is such that no large ridge is left in the middle of the furrow. One disc is larger than the other; yet both level at the bottom, the large disc in advance. Cleaves the surface perfectly.

Single Disc Furrow Opener. The single disc furrow opener is furnished when desired. By some this style furrow opener is preferred to the shoe. The advantages claimed are, ease of entering hard ground, cutting through stalks and chaff. It is not an experiment and is built upon the same principle as the Superior single disc furrow opener for grain drills, which has achieved such an enviable reputation. Bearings are of the famous Superior type, dust proof and oil tight. Construction differs from all other single disc furrow openers in that the disc may be adjusted to or from the shield as the latter wears. The single disc when ordered complete with stand may be attached to any Superior Corn Planter.

Marker. Automatically raised when furrow openers are lifted out of the ground. This is accomplished in a simple and satisfactory manner. The marker is not completely thrown over, but raised from the ground, making it possible for the team to be backed into position ready for the start. The operator, at the time of making fast the anchor iron, transfers the marker, to the proper side of planter.

Lifting Lever. Can be locked as a floating lever. Conveniently located and powerful in effect.

The Superior No. 3 Corn Planter

Fertilizer Attachment. (Independent Drive.) The fertilizer attachment requires no additional sprocket wheels, collars, springs or clutches, simply extra chain and extension pieces to make the attachment, and when once made, the adjustments thereafter as to widths become automatic. This strongly appeals to the user. Again, the fertilizer hopper has great capacity and is made of galvanized material. Large fertilizer conductor tubes of ribbon steel—which do not buckle or kink. Fertilizer Hoppers hinge back same as corn hopper. Feeders can be furnished giving quantities varying from small to greatest quantity desired.

These Superior features are new in corn planter building. So different, in fact, from other planters that we can truthfully say that the **Superior Corn Planter stands in a class alone.**

Not a single fad built into this planter. All features sensible helps to the user, overcoming many deficiencies found in the prior art of corn planter making.

GOOD KERNELS

Wing nuts are used to hold the hopper in place.

Edge drop plates provide form of cell construction, insuring perfect handling of greatest possible variation of kernel size and shape.

Tongue fastening and adjustment strong and sensible. **Each runner heel and disc can be independently adjusted to plant under knot on wire.**

A compensating spring perfectly balances the lift, obtaining ease of foot control.

Reliable check or valve springs with great latitude of adjustment, trolled by wing nut.

Tongues permit the use of neck-yoke rings, **the kind of neck yoke farmer uses.**

Lifting lever is **clamped** to square shaft—not set-screwed—and is **fixed** in place by cotter—cannot work loose.

An extension at base of tongue contacts with foot lever casting, buckling up of machine and possibility of wheels striking fertilizer valve backing.

Provision is made for holding fertilizer valve open for drilling fertilizer when checking corn.

Fertilizer valves, should they become clogged, cannot stop checking—look at this.

Checking instantly changed to drilling when desired.

Marker automatically raised off ground at end of field.

Automatic reel provided, drum type—no tangled wire—front brace to shaft.

Foot-drop on all planters.

Everything a farmer should have on a corn planter will be found on the Superior. Look it over; ask your dealer to show you other good features not mentioned.

PLATES

Three Sets, 4 K., Round Hole or Flat Drop—small, medium and large; also,

Three Sets, 4 K., Edge Drop—small, medium and large planting, by means of variable drop device, 2, 3 or 4 kernels in a hill, as may be desired, are packed with each planter.

Special Plates for any purpose can be furnished as elsewhere described.

LIST OF SEED PLATES

Six Sets of Seed Plates are Sent With Each Planter. Three Sets of Edge Drop and Three Sets of Flat Drop.
FOR CHECKING ALWAYS HAVE CHAIN ON LARGE SPROCKET

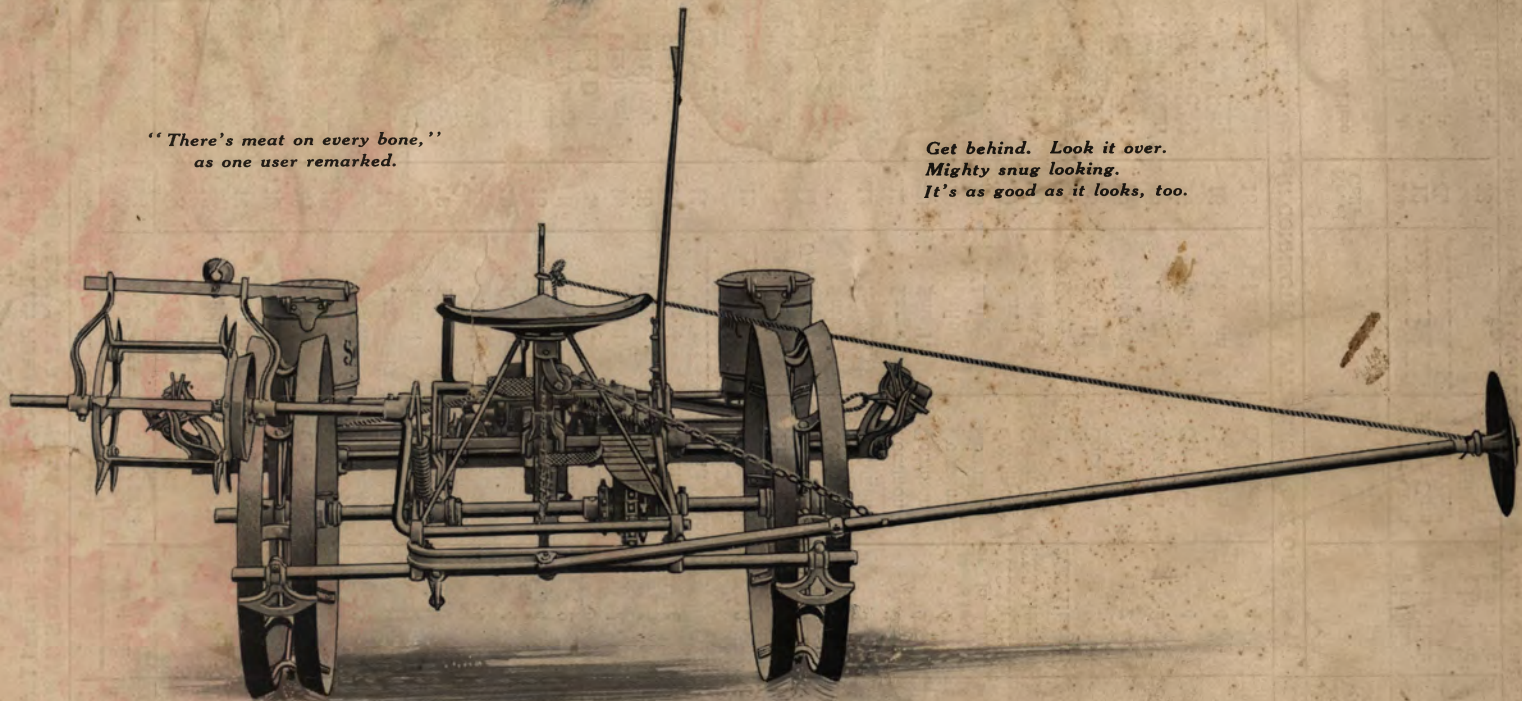
PLATES FOR SUPERIOR PLANTER No. 2 and 3.						Drilling Dist. in Inches		
No. of Plate	Kind of Plate	No. of Cells.	Size of Kernels	Kind of Seed	Kernels per Hill	Large 20 Point Gear	Medium 15 Point Gear	Small 11 Point Gear
S-16	Edge Drop Wide Cells	8	Medium	Common	2	14	19	26
S-17	Edge Drop Wide Cells	12	Small	Common	3	10	13	17
S-18	Edge Drop Wide Cells	12	Medium	Common	3	10	13	17
	Edge Drop de Cells	12	Large	Common	3	10	13	17
	Flat Drop	8	Medium	Common	2	14	19	26
S-21	Flat Drop	12	Small	Common	3	10	13	17
S-22	Flat Drop	12	Medium	Common	3	10	13	17
S-23	Flat Drop	12	Large	Common	3	10	13	17
S-123	Edge Drop Wide Cells	8	Small	Common	2	14	19	26
S-134	Edge Drop Wide Cells	8	Large	Common	2	14	19	26
S-135	Edge Drop Wide Cells	16	Small	Common	4	7	9	13
S-136	Edge Drop Wide Cells	16	Medium	Common	4	7	9	13
S-137	Edge Drop Wide Cells	16	Large	Common	4	7	9	13
S-138	Flat Drop	8	Small	Common	2	14	19	26
S-139	Flat Drop	8	Large	Common	2	14	19	26
S-140	Flat Drop	16	Small	Common	4	7	9	13
S-141	Flat Drop	16	Medium	Common	4	7	9	13
S-142	Flat Drop	16	Large	Common	4	7	9	13
S-180	Flat Drop, thick Use 3 Washers	14	-----	Peas and Beans	-----	2	5	8
	Flat Drop	12	-----	Long Slim	3	Depends on Size Seed		
	Flat Drop, thick, Use 3 Washers	17	-----	Ensilage	-----	2	3	-----
	Flat Drop	14	Use Cap B-193	Peas and Beans	-----	1	2½	4
	Narrow Cells	12	Small	Common	3	Depends on Size Seed		
	Edge Drop	12	Medium	Common	3	10	13	17
	Edge Drop	12	Medium	Common	3	10	13	17
	Edge Drop	12	Large	Common	3	10	13	17
	Flat Drop	20	Small	Common	4	6	8	10
S-202	Flat Drop	20	Medium	Common	4	6	8	10
S-204	Flat Drop, thick Use 3 Washers	8	Large	Common	Made to drill 2 or 3 in each hill	14	19	26
	Flat Drop	10	Small	Common	2&3 Alternate	-----	-----	-----
	Flat Drop	10	Medium	Common	2&3 Alternate	-----	-----	-----
	Flat Drop	10	Large	Common	2&3 Alternate	-----	-----	-----
	Flat Drop	8	Small	Common	2	14	19	26
	Edge Drop	8	Medium	Common	2	14	19	26
	Narrow Cells	8	Large	Common	2	14	19	26
	Edge Drop	16	Small	Common	4	7	9	13
S-221	Narrow Cells	16	Medium	Common	4	7	9	13
S-222	Edge Drop	16	Medium	Common	4	7	9	13
S-223	Edge Drop	16	Large	Common	4	7	9	13

PLATES USED IN CONNECTION WITH BRUSH CUT OFF						Drilling Dist. in Inches.		
No. of Plate	Kind of Plate	No. of Cells				This Table is based on 1 seed from each hole. When holes contain more than 1 seed calculations must be made accordingly		
S-181	Flat Drop	20	-----	Kaffir Corn	$\frac{3}{16}$ in. hole	6	8	10
S-191	Flat Drop	12	-----	Broom Corn	$\frac{3}{16}$ in. hole	10	13	17
S-199	Flat Drop	40	-----	Millet and Alfalfa	$\frac{9}{64}$ in. hole	3	4	5
S-203	Flat Drop	32	-----	Beet Seed	$\frac{31}{64}$ in. hole	3½	4½	6½

S-209—Flat drop plate with 15 holes to be used in Fertilizer Hopper to sow Peas and Beans when fertilizer is not being sown. The amount sown depends on the size of the seed.

*"There's meat on every bone,"
as one user remarked.*

*Get behind. Look it over.
Mighty snug looking.
It's as good as it looks, too.*



Rear View Superior No. 3 Corn Plain Planter.