

Superior

No. 24 Clutchless

Corn Planter

Built for Long Service



The American Seeding-Machine Co.
Incorporated
SPRINGFIELD, OHIO

Letters from Superior No. 24 Corn Planter Users

"I have used my Superior Clutchless Corn Planter this season on 50 acres. I like this planter on account of its simplicity and accuracy.

I will say that with my 40 years experience, and equipped, as I am, with the Superior Drill for fertilizing, the Superior Planter for seeding, the Buckeye Two Row for cultivating and my own high yielding seed, I believe, if the season is favorable, I can exceed my former yield of 134.13 bushels of corn per acre."

Yours truly,
Wm. H. Gilmore.

July 9, 1924
Croton, Ohio.

Mr. Gilmore is known as the "Corn King" having won the prize for having the largest yield of corn per acre.

"Have used my Superior No. 24 Clutchless Corn Planter this season and am highly pleased with same. My corn is extra large grains and I secured a very accurate job of planting.

One of my neighbors who used this machine has used practically every make and he tells me that he got the best job with the Superior he ever had. Simplified machinery looks mighty good to me."

Yours truly,
F. S. Vandenback.

July 9, 1924.
White Cottage, Ohio.

"We have had ten years actual experience with corn planters endeavoring to check row accurately. Never in our experience have we handled a machine that is made so simple, that drops perfectly and accurately without continuous watching and adjusting, and that seems almost human in its work as the Superior Clutchless Planter. Today the corn is out of the ground and each hill is planted more accurately than it could be done by hand. The field carries its own testimony. Also I planted ten acres in nine hours which testifies to its continuous and efficient operation. The check row wire ran over a hill that everyone said a check row planter could not operate on accurately because of its size and steep hills, but *it is done without a balk, or a broken wire*, and with one man. We planted soy beans, later drilled peas and kidney beans and sweet corn."

Very truly yours,
June 21, 1924. Albert Fonda & Son.
Emerald Hill Farm,
Fonda, N. Y.

"I purchased one of your Superior No. 24 Corn Planters with fertilizer attachment this year. I must say it is the most simple and satisfactory planter I ever used. The fertilizer attachment is far superior to anything on the market. Also a planter without a clutch gives me the assurance that no trouble will come about in a couple of years from weak springs and worn dogs. I can highly recommend this planter to anyone."

Yours very truly,
June 11, 1924. Earl Thorn.
Carleton, Mich.

SUPERIOR

No. 24 Clutchless Corn Planter

Accuracy—Simplicity—Durability are the outstanding qualities of this planter. Its extreme simplicity insures greater accuracy and less trouble in the field than clutch planters. It is an undisputed fact that any planter with clutch has more or less trouble due to clutch breakages and small springs becoming lost. The Superior Clutchless planter eliminates all such trouble and consequently is a time saver when time is valuable.

The feed shaft and dropping plates run continuously. The speed of the feed shaft is regulated by the use of the different sprockets on feed shaft and axle, a combination being available to drop two, three or four kernels per hill for every adjustment of the planter from 28" to 48" rows.

The feed shaft, running at the correct speed, causes the dropping plates in hopper to revolve just fast enough to allow the proper number of kernels to be deposited in the top of post before the valves are operated by the check wire. This slow, continuous movement of the plates gives a better opportunity to fill the cell of the plate than the quick, jerky motion caused by the start and stop device. The action of the valves is so rapid as compared with the movement of the plates that the hills positively cannot be mixed before they are delivered to the furrow.

This planter is furnished with Runner, Single or Double Disc Posts. No springs or complicated parts are used. The mechanism of both Double and Single Disc Posts is interchangeable with that in the Runner Posts.

When the button trips the dropping mechanism the lower valve is carried back in the lower end of post, dropping the hill it contains into the furrow. The upper valve collects its hill, then drops it into the lower valve when same closes.

For drilling it is only necessary to lock back the check shaft by means of the foot drop lever. The seed then 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.

Two each small, medium and large plates, either flat or edge drop as desired, 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.

Superior Planters throw out of gear automatically when the furrow openers are raised out of the ground. This automatic throw-out device is patented and possesses many advantages not found on other planters.

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.

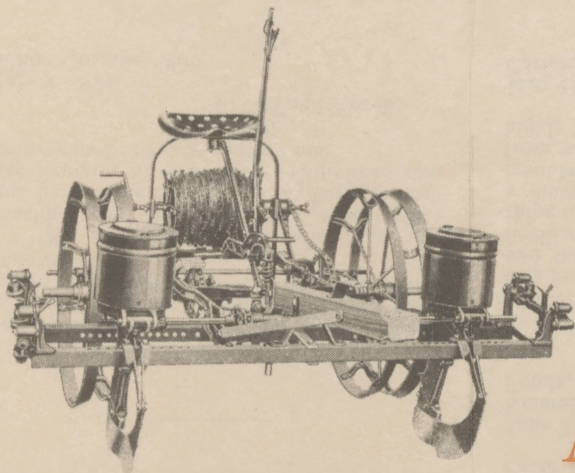
Directions are furnished with each planter showing which sprockets are used to drop two, three or four kernels per hill for the various width rows.

Fertilizer Attachment can be quickly placed on Plain Planter at any time. Requires no additional sprocket wheels, collars, springs or clutches (just an extra chain), and the adjustments as to widths thereafter become automatic.

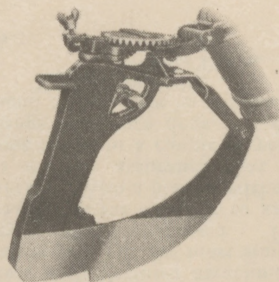
A special cotton sowing device is furnished which handles cotton seed very accurately, being easily attached by removing the cast ring bolted to the bottom of the hopper, the corn plate and cap, and substituting the ring and plate for cotton seed.

The illustration of the working parts of the cotton planting attachment shows the projecting lugs and standards, which agitate the seed thoroughly in the hopper and insure the filling of the cells. This also shows the metal knocker, which positively forces the seed through the dropper plate, thus preventing any clogging at this point, with consequent even distribution to the furrow. This is a vital point and eliminates a trouble very prevalent in other makes.

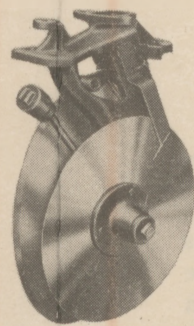
The Superior Two Horse Corn Drill, used for drilling only, embodies all the principal features of the No. 24 Planter with the exception of the check row attachment and is fully described and illustrated in our folder S-329.



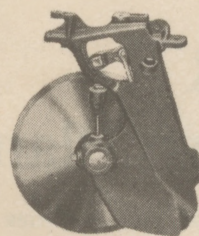
Front View Plain Runner Planter



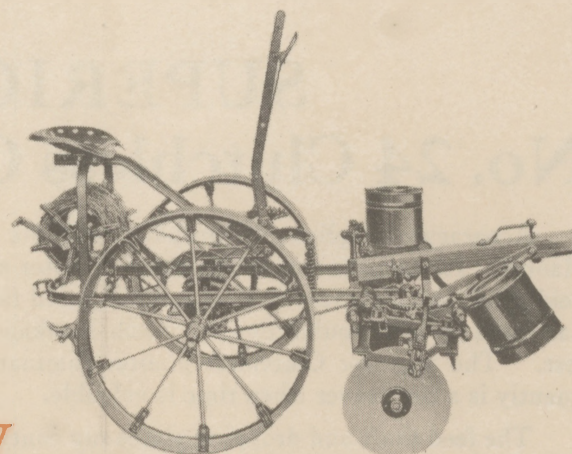
Runner Post



Double Disc Post



Single Disc Post

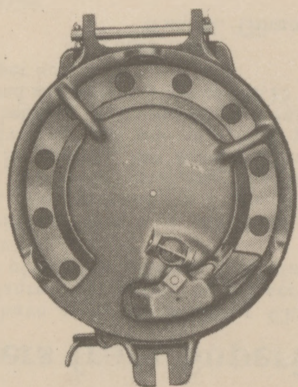


Side View Plain Disc Planter

Accuracy=Simplicity=Durability
in planting in design of construction

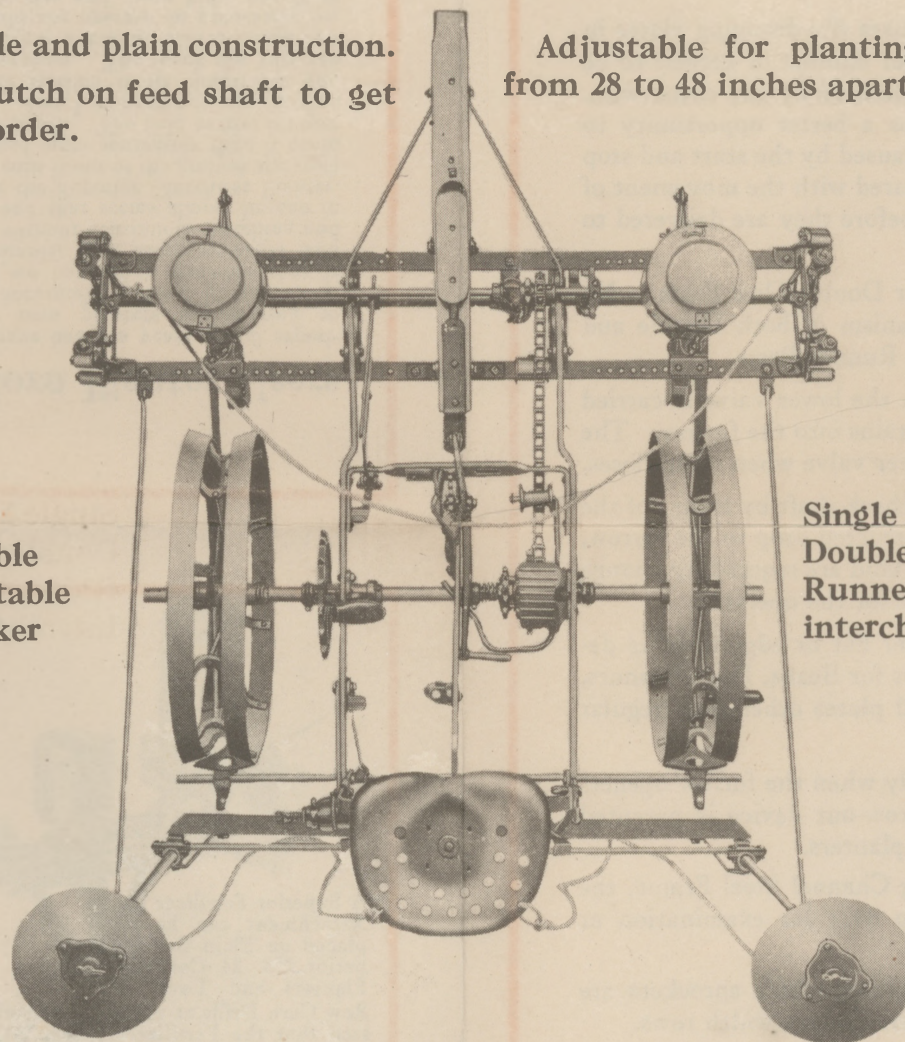
Simple and plain construction.
No clutch on feed shaft to get out of order.

Adjustable for planting rows from 28 to 48 inches apart.

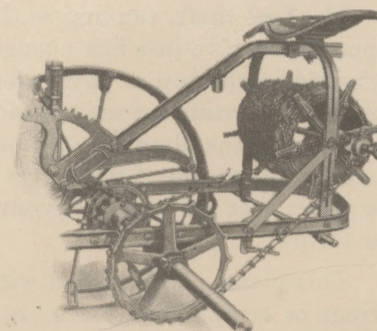


Flat Drop Plate

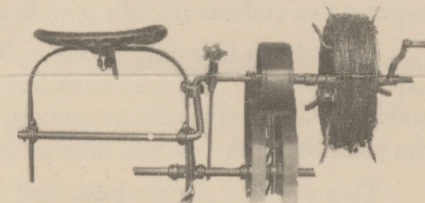
Double Adjustable Marker



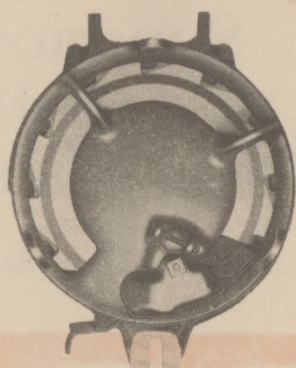
Single Disc Double Disc and Runner Posts interchangeable.



Note the adjustable Seat, Center Reel and Drive Sprocket, Friction Clutch on Reel and Foot Lever for Scraper.



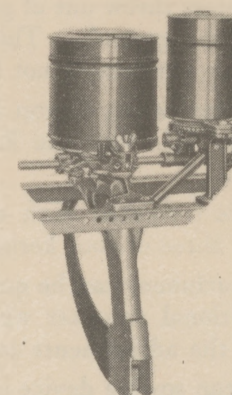
A side reel supplied only on special order.



Edge Drop Plate

Patent Vibrating Ribbon Steel Fertilizer Conductor Tubes. Clean inside.

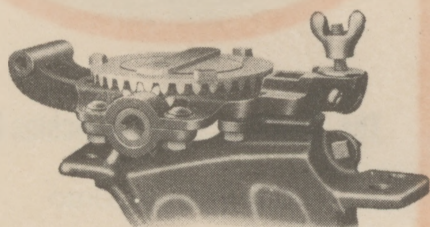
Fertilizer may either be deposited in hills or drilled in the row, when checking the corn.



Pea and Bean Attachment

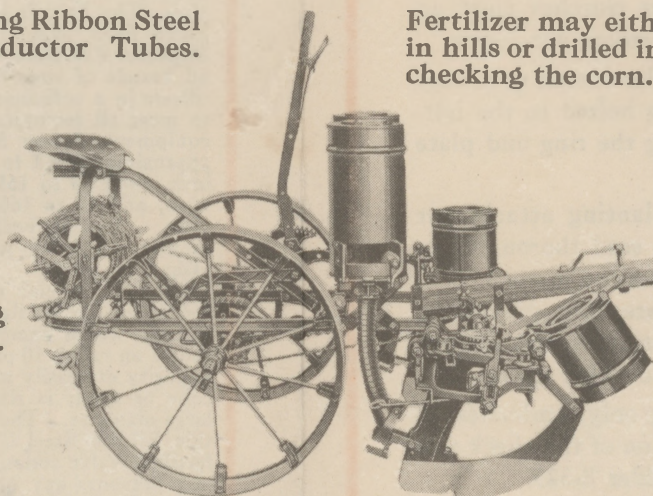
Can be placed on planter without removing any parts or changing adjustments.

Seed can be sown at same time corn is being planted.



Gearing for Driving Planter. Note Integral Bearing for Pinions.

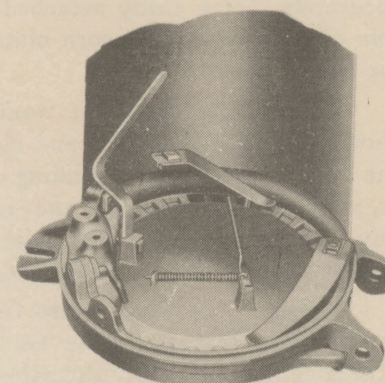
Patent Non-Clog Fertilizer Valves.



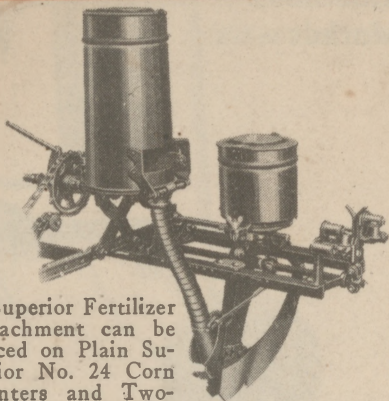
Side View Fertilizer Planter

Self-Seating Valve Plate.

Adjustable Valve Rod.



Cotton Planting Attachment



A Superior Fertilizer Attachment can be placed on Plain Superior No. 24 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, same type as used on all ***Superior Fertilizer Grain Drills*** 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 pounds for 40-inch rows; 50 to 165 pounds for 42-inch rows, and 45 to 160 pounds for 44-inch rows. Special feeds, 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 and cleaning.