

CATALOG
HEK 916

KENTUCKY CORN PLANTERS *and* DRILLS



Exex

INTRODUCTORY

Kentucky Corn Tools are made in three separate or distinct types. These corn planting tools, with the various plates that can be furnished, make the Kentucky line complete.

The No. 10 Planter, with different furrow opener equipment, 30 or 36 inch wheels, varied row width adjustment, check rower, fertilizer attachment, etc., supplies the wants of the farmer who plants his corn in various ways—hilling, drilling, with fertilizer, etc.

The No. 21 Two-Row Corn Drill is a machine for drilling only and is very popular with many owners of fertile bottom lands, and with farmers who realize kernels planted every 12 inches produce more and better corn than three kernels in hills 36 inches apart.

One-Row Corn Drills for the small corn raiser and for planting in new, stumpy ground.

Our line of Kentucky Corn Tools has long since passed the experimental stage, and, with a clear conscience, we recommend them for your consideration with every assurance they will give excellent satisfaction.

THE AMERICAN SEEDING-MACHINE COMPANY

(INCORPORATED)

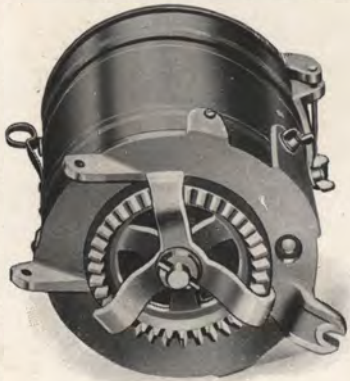
RICHMOND, INDIANA, U.S.A.

KENTUCKY

CORN PLANTING TOOLS



Corn Hopper. Sides Cut Away to Show Metal Cut-Off.



Corn Hopper Bottom. View of Substantial Gears.



Corn Hopper. Sides Cut Away to Show Brush Cut-Off.

UNIFORM AND ACCURATE PLANTING of corn is what the farmer wants. Ninety-five out of every hundred complaints are that planters are not dropping right. There is a reason and there is a remedy. The kernels of corn vary in shape, some long and slim, some almost round, others betwixt and between. It is therefore difficult to get plates that will successfully drop the different shaped kernels, especially if mixed. Corn experts and Experimental Colleges openly advocate planting a certain percentage of "butt" kernels because of excess vitality contained in them. No edge-drop plate will regularly plant mixed shape kernels; the corn must be carefully graded. Many flat-drop plates will not do it, because the plates are too small and cheaply made. The corn plates of Kentucky Planters cost to manufacture more than three times what the ordinary plate costs. The Kentucky plate is $8\frac{3}{4}$ inches in diameter. Top, bottom and edge are lathe-turned. Every hole or cell is drilled, not cast in plate when it is made. This expensive process of making Kentucky Corn Plates means an absolutely perfect plate. Further, the cast hopper bottom, on which plate rests and revolves, is likewise lathe-turned, so that every plate must fit properly on every hopper bottom. There is no binding or wobbling, and the plate runs absolutely free and smooth between the lathe-turned hopper bottom, on which chambered kernels slide, and the cut-off. The large diameter of plate gives each hole or cell about double the advantage, over small plate, to chamber a kernel, as speed of plate is slower and corn contact in hopper much farther.

There are no jerky stops and starts, no rapid whirling of plates on No. 10 planters to accomplish the count and go out of gear every few inches, but a regular speed of Kentucky Plates all the time the planter is in operation. The speed of plates is varied by sprockets on main axle and feed shaft, in order to drop two or more kernels to a hill, or when drilling to drop one kernel different distances. Each cell in plate is designed to carry one kernel to the outlet under the cut-off. Over this outlet a knocker is located, which forces out of cell in plate, every kernel. The required number of kernels per hill accumulate on the valve in the bottom of boot, which is released by Check Rower.

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CORN PLANTING TOOLS

Each Kentucky No. 10 Planter is regularly shipped with three sets of lathe-turned, eight-hole plates. Holes or cells are $\frac{9}{16}$, $\frac{5}{8}$ and $\frac{11}{16}$ inches in diameter. These three sizes will accommodate the majority of corn, but for very large or small corn, extra plates with proper size holes are easily procured. Special plates for planting a great variety of seeds are supplied when ordered. Peas and navy beans to be thickly sown in rows, are handled with plates having 20 oblong holes. Each hole laps on the hole preceding, resulting in a continuous stream passing through the outlet, placing one seed about every four inches.

The following special plates are carried in stock for quick shipment:

Peas and Navy Beans.....	20 holes, Oblong
Millet	20 holes, $\frac{9}{16}$
Broom Corn.....	12 holes, $\frac{3}{16}$
Sorghum, Kaffir Corn and Cane...	20 holes, $\frac{13}{16}$
Pop Corn.....	8 holes, $\frac{5}{16}$
Ensilage	24 holes, $\frac{5}{8}$
Beets	12 holes, $\frac{1}{4}$
Soja Beans.....	36 holes, $\frac{5}{16}$
Soja Beans.....	40 holes, $\frac{5}{16}$
Spanish Peanuts.....	8 holes, Oblong
Hill Drop, extra thick.....	5 holes, $\frac{3}{4}$

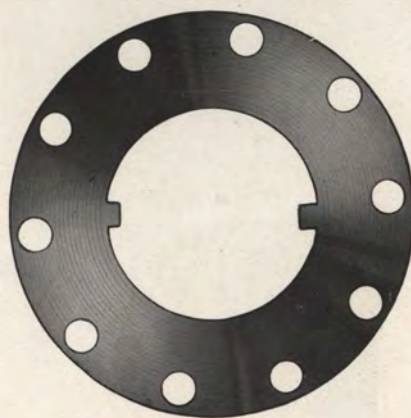
Orders for special plates should be accompanied with samples of seed to be planted to insure best results.

Brush Cut-offs can be substituted for metal cut-offs when desirable for special purposes. The seat of practically all planter trouble is eliminated with the simple, fool-proof and accurate dropping device on Kentucky No. 10 Planters.

The corn hoppers are hinged in front, permitting them to be easily emptied. They are made of heavy sheet steel with cast hinged lids.

Special Pea Hoppers for drilling peas or stock beans in same row with corn are provided when ordered. These extra hoppers attach in place of fertilizer hoppers and can not be used when checking corn. Will attach to all sizes of No. 10 and No. 21 when rigged for drilling. Sowing stock peas is very popular in some sections as a means of improving soil and providing extra winter forage.

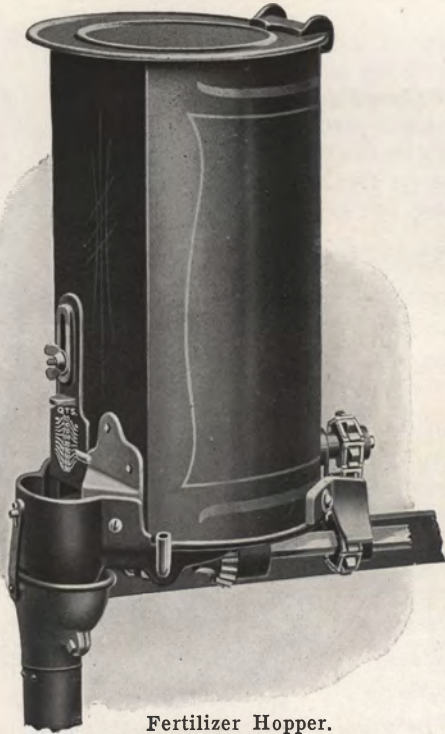
Kentucky Corn Tools are made to plant corn and plant it right. They are void of trappy devices, such as stop and start, variable hill, etc., which for the salesman are talking points only and for the farmer grief continuously. Hair trigger devices, stop and start motion, variable drop, friction clutches, delicate seed rings easily broken and quickly worn, finely turned cams and a host of such flimsy contrivances may possibly give fair accuracy the first season, but no farmer expects only one year without trouble. What the farmer wants is a planter that will plant year after year without loss of time to locate an expert to adjust intricate parts and the expense of new repairs. The No. 10 has no delicate mechanism to adjust. It is not an experimental planter in the farmer's hands, but an old tried-out and tested planter, which always does the work in an accurate way, without loss of time or expense of repairs. Beware of the planter on which changes are made from year to year. It is evidence the planter was not right and what positive assurance has the farmer that it is right now?



Large Lathe-Turned Seed Plate. Top, Bottom and Edge Tooled to Correct Size. Holes Carefully Reamed, Bottom Side Beveled. Plate Runs on Turned Hopper Bottom, no Wabbling.

KENTUCKY

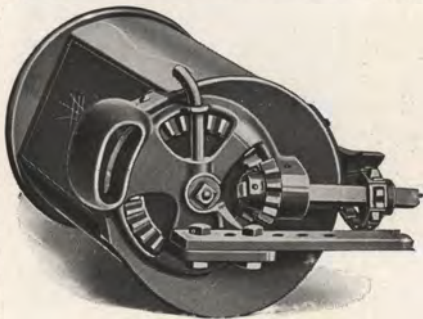
CORN PLANTING TOOLS



Fertilizer Hopper.



Inside View of Bottom of Fertilizer Hopper, Showing Lathe-Turned Dial.



Outside View of Bottom of Fertilizer Hopper.

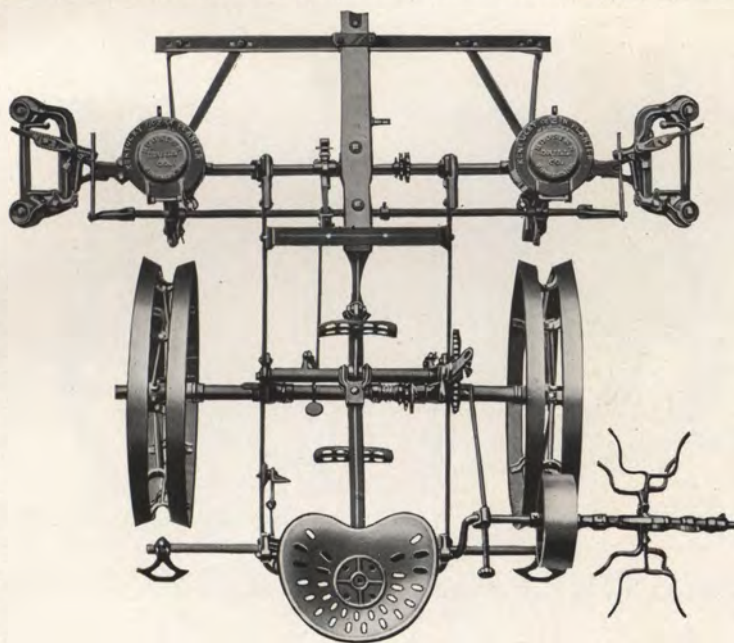
FERTILIZER ATTACHMENTS for Kentucky Planters and Drills may be purchased with the machines or later if desired. The large fertilizer hoppers on No. 10 and No. 21 machines are bolted firmly to the frame. The feed shaft has four bearings with removable chilled sleeves and is driven by an independent chain. Can be thrown in and out of gear independent of corn planter proper. The fertilizer feed is the rotating dial type, with an agitator over the outlet, to prevent bridging and to insure a steady, even and constant flow. Quantity sown varies somewhat, depending upon kind and condition of fertilizer used. Notches on the indicator plate are for sowing from less than 20 to over 180 quarts or less than 37 pounds to over 340 pounds per acre. Scale is made for standard fertilizer considered dry, one quart of which weighs about 30 ounces. The large fertilizer conductors stand nearly perpendicular, thus dropping fertilizer straight down. A small detachable deflector divides the fertilizer, causing it to scatter, and to fall on each side of the hill or of the continuously sown seed. The deflectors may be removed, allowing fertilizer to drop in hill. Valves in bottom of conductors will deposit fertilizer at hill only. To sow continuously, release the valves.

The clean-cut design of No. 10 Planter is shown in upper cut on opposite page. Every part, except drive chain, is shown, including check heads and automatic winding reel for check rower wire. Rear frame is $1\frac{3}{4} \times \frac{1}{2}$ -inch steel; front frame, angle steel; rear and front frames have adjustable connections for keeping the runners (or disks) always level, one side from running deeper than the other. Drive chain always stays on. Axle $1\frac{1}{4}$ -inch cold rolled steel, fitted with adjustable holes to vary width of rows and also to run wheels off seed bed when desired. Convenient hand and foot levers for raising and lowering disks and runners. Hand lever can be disengaged and thrown forward out of the way, allowing planter front to float on very uneven fields. An effective spring connection between front and rear frames admits of heavy pressure on furrow openers and at the same time allows them to raise and pass over obstructions without undue strain on tongue. Feed automatically thrown out of gear when furrow openers are raised.

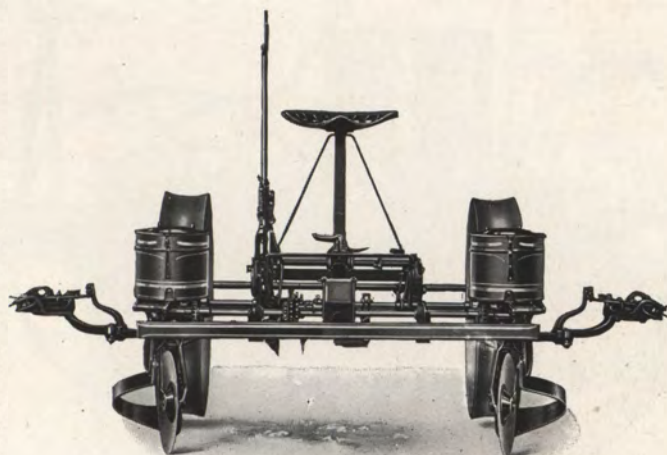
Check Rowers have 80 rods of wire in any standard size. Automatic reel, which winds up wire when planting last two rows. Adjustable check heads for slow or fast walking teams.

KENTUCKY

CORN PLANTING TOOLS



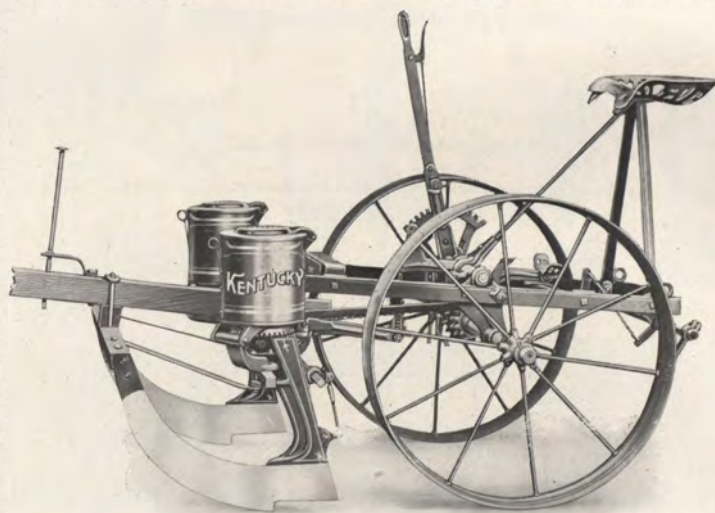
Top View Kentucky No. 10 Plain Runner Planter (with Check Rower),
with 30-inch Open Tire Wheels. Equipped with Automatic
Wire Winding Reel.



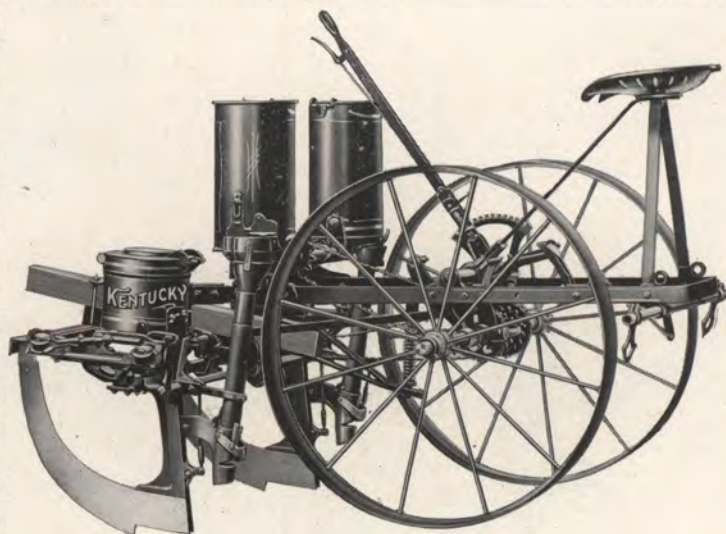
Kentucky No. 10 Plain Single Disk Planter (with Check
Rower), with 30-inch Closed Tire Wheels.

KENTUCKY

CORN PLANTING TOOLS



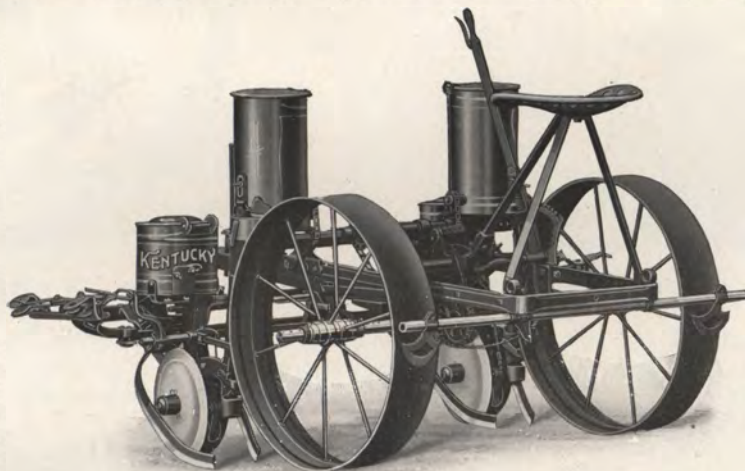
Kentucky No. 10 Plain Runner Planter (no Check Rower), with 30-inch Closed Tire Wheels.



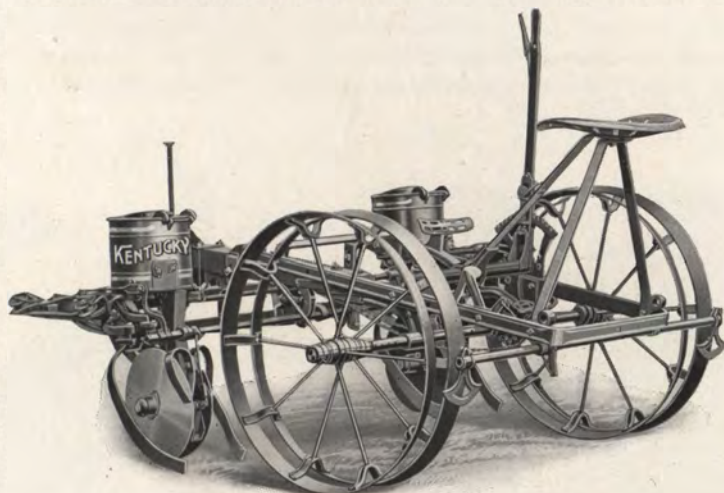
Kentucky No. 10 Fertilizer Runner Planter (with Check Rower), with 36-inch Closed Tire Wheels.

KENTUCKY

CORN PLANTING TOOLS



Kentucky No. 10 Fertilizer Double Disk Planter (with Check Rower),
with 30-inch Closed Tire Wheels.



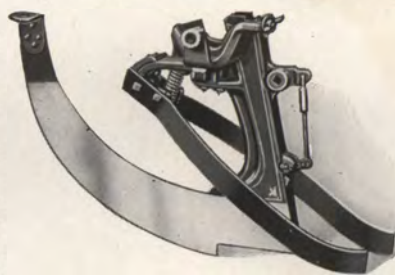
Kentucky No. 10 Plain Double Disk Planter (with Check Rower), with
30-inch Open Tire Wheels.

KENTUCKY

CORN PLANTING TOOLS



Double Disk Covering Shares.



Runner Covering Shares.

When Double Disks are used to open furrows on Kentucky No. 10 Planters and No. 21 Corn Drills, a double blade covering share is always provided. Not always necessary to use it, but it becomes a part of every double disk machine without extra cost.

Runners do not require coverers of any kind, as a general rule, but as some farmers desire to use them, they are supplied at a small extra charge.

Single Disks must have covering shares, and are always shipped with them without extra charge.

Double Disk Furrow Attachments for Runner Planters are made to attach upon almost all types of Runner Planters. The disks have chilled, tapering axles cast on a five-inch base. A chilled thimble slips over the axles, taking all wear, and may be renewed for ten cents. The saddle is attached to runner blade with set screws and may be set forward or back, up or down. Very popular in sections where planting is desired in wide, deep trenches. Blade Furrow Openers and covering shares, also shown on this page, produce same results by a different method. Sold as an attachment.

Blade Furrow Openers and Covering Shares Combined may be obtained for use on Runner Planters of all makes. Their action is to open a wide furrow, allowing seed to be dropped into fresh ground and immediately covered. Never considered a part of machine, but always sold as an attachment.



**Disk Furrowing Attachments for
Runner Planters.**



**Blade Furrow Openers and Covering
Shares Combined.**

KENTUCKY

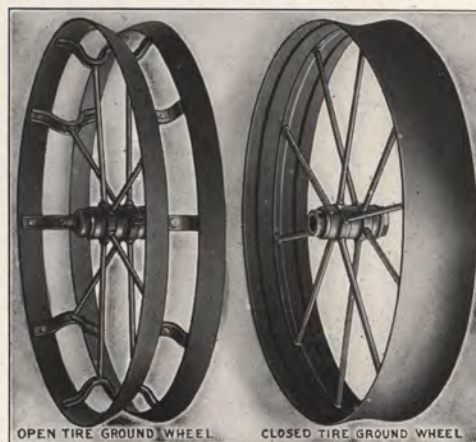
CORN PLANTING TOOLS

KENTUCKY No. 21 TWO-ROW CORN DRILLS shown on pages 10 and 11 are similar in construction to the No. 10 Planter other than they have no valves in boots or valve-rods to operate same. The No. 21 is especially designed to meet the requirements of farmers who always drill a large acreage of corn and do not want to check in hills. It is useless to pay for extra devices necessary on regular planters, besides they get a simplified machine, built only for drilling corn and is exactly what they want in every way. The No. 21 is regularly equipped with two sets 8-hole plates. One set with $\frac{3}{16}$ -inch holes, the other $\frac{5}{8}$. The increasing demand for the No. 21 proves conclusively what the farmers think of it.



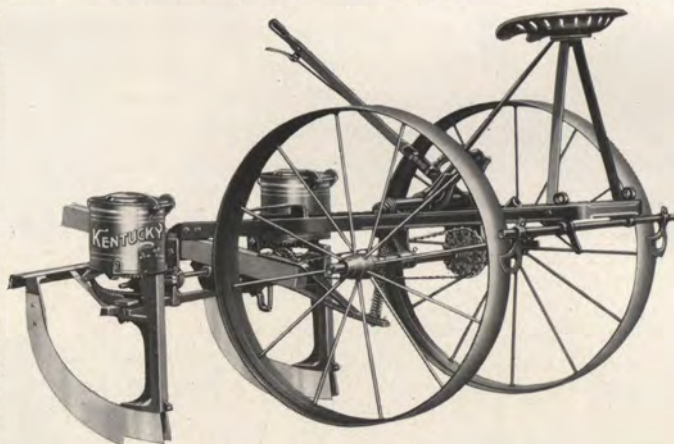
DISK MARKERS, with metal adjustable bars, are used on all Kentucky No. 10 Planters and No. 21 Two-Row Corn Drills. The inside end of pipe has a swivel attachment to rear cross rail of frame. The pipe telescopes over round steel bar to which disk is attached. The several holes in this bar allows increasing or diminishing length, as occasion requires. A cast marker head may be substituted for disk, if desired, but we recommend the disk.

Ground Wheels are made either with open or closed tire. Closed tire always shipped unless specified to the contrary. The spokes are staggered, insuring extra strength. Hubs and all other parts of wheel are steel, except the removable sleeve.

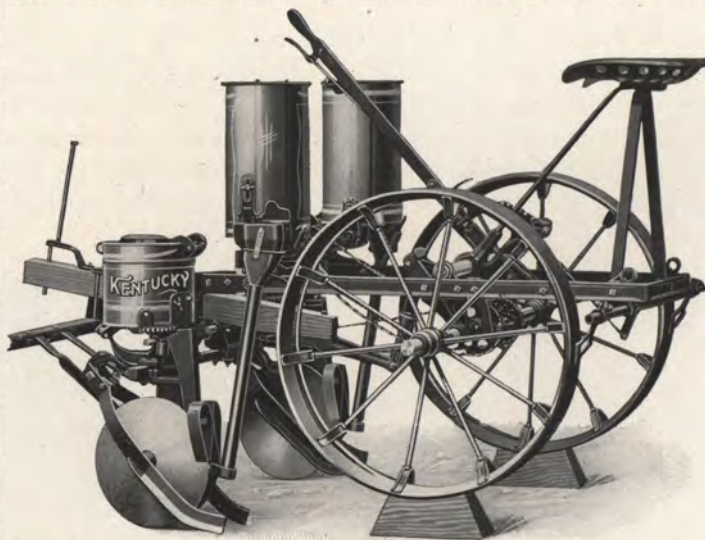


KENTUCKY

CORN PLANTING TOOLS



Kentucky No. 21 Plain Two-Row Runner Corn Drill, with 36-inch Closed Tire Wheels.



Kentucky No. 21 Fertilizer Two-Row Double Disk Corn Drill with 30-inch Open Tire Wheels.

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CORN PLANTING TOOLS

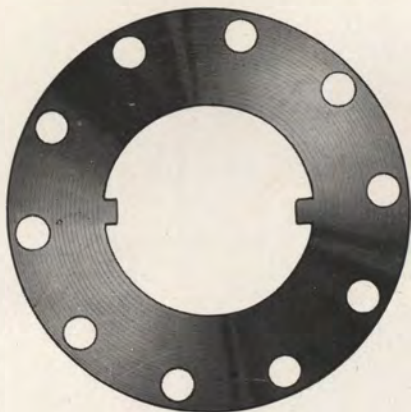


From photograph of Wm. Stewart, near Richmond, Indiana, using a No. 21 Runner Corn Drill with Disk Furrowing Attachments. By this method the corn is planted in deep trenches and the pressure of the concave wheel tire forms a small ridge in the bottom of trench. The shallow channels on each side of ridge have a tendency to prevent washing out of corn by heavy early rains.

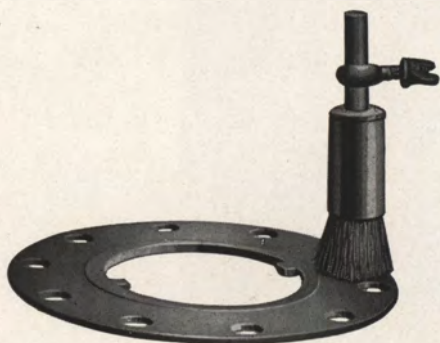
Disk Furrowing Attachments are shown on page 8. May be used on No. 10 Runner Planters, No. 21 Two-Row Runner Corn Drills, and almost any make of Runner Planters.

KENTUCKY

CORN PLANTING TOOLS



Large Lathe-Turned Seed Plate. Top, Bottom and Edge Tooled to Correct Size.



Brush Cut-Off for One-Row Corn Drills.



Metal Cut-Off for One-Row Corn Drills.

KENTUCKY ONE-HORSE CORN DRILLS are of a too old and much used type to need any special comment. They are made with shoe, double disk and hoe furrow openers, designated as Kentucky Shoe, Disk and Hoe One-Horse Corn Drills. The corn plates are made similar to the plates used on Kentucky No. 10 and 21 machines, being lathe-turned with drilled holes or cells. Regular equipment is one 10-hole plate with holes $\frac{1}{16}$ -inch in diameter. Special plates for extra large or small corn, red kidney beans, peas, peanuts, sorghum, etc., may be procured. For any particular plate, send sample of seed and distances desired to plant. The hopper bottoms on all Kentucky One-Horse Corn Drills are lathe-turned, insuring smooth working plates.

Adjustable Brush Cut-off is regular equipment of One-Horse Corn Drills, but metal cut-offs can be substituted when desired and specified in order. All One-Row Corn Drills are provided with a special attachment for sowing sorghum and kaffir corn.

Ground Wheels on hoe and disk drills have four rows of cogs around the hub, in which bevel pinion on front end of drive shaft may engage. The bottom plate in hopper has two rings of gears in which bevel pinion on rear end may engage. This gives eight dropping distances for one plate—7, 9, 11, 12, 14, 16, 18 and 25 inches apart. Shoe Drills have similar rings of gears on hopper bottom plate and are supplied with three different size sprocket wheels for axle. This gives six dropping distances—8, 11, 13, 15, 19 and 24 inches apart.

Fertilizer Attachments are detachable and may be procured when drill is purchased or later. Feed is of the dial type, sure and reliable. All classes of commercial fertilizers are handled in a satisfactory way. Lever for throwing in and out of gear so fertilizer can be used only when needed.

PEA HOPPERS can be attached to plain Corn Drills instead of Fertilizer Hoppers, when desired to plant corn and peas at the same time. Plates will sow peas in continuous stream unless otherwise ordered.

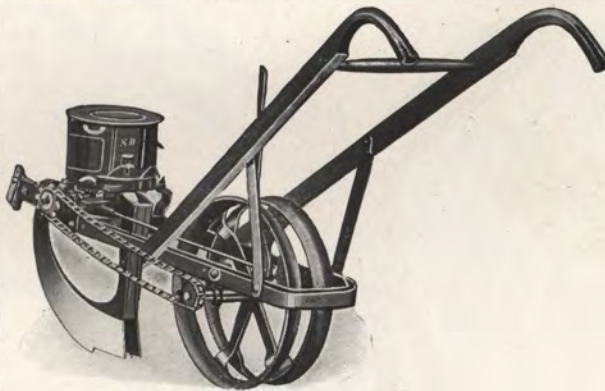
Closed Ground Wheel is regular on Shoe Drills and will always be supplied unless open wheel is specified in order.

Covering Wheels for Disk Drills may be substituted for blade coverers—regular equipment, or may be ordered as an extra attachment.

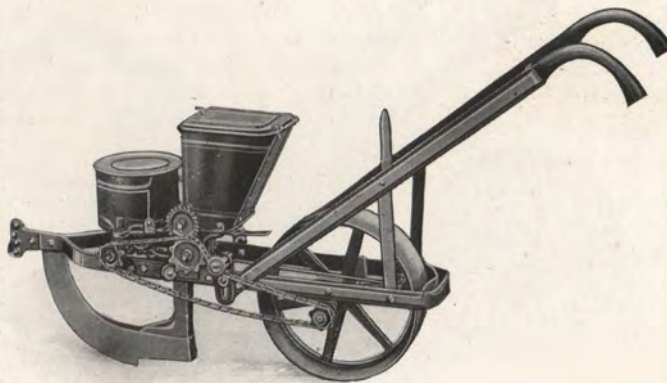
All parts of the Kentucky, except handles, are metal. They will, therefore, plant accurately not only this year but for years to come.

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CORN PLANTING TOOLS



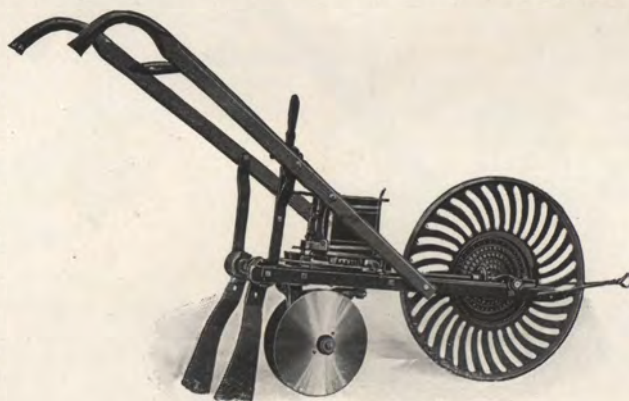
Kentucky Plain Shoe One-Row Corn Drill with 10-hole Plate
Drops Single Kernels 8, 11, 13, 15, 19 or 24 inches apart.
(Open Tire Wheel.)



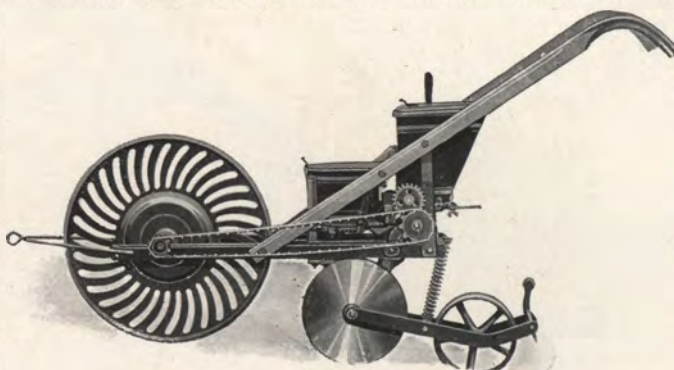
Kentucky Fertilizer Shoe One-Row Corn Drill with 10-hole Plate
Drops Single Kernels 8, 11, 13, 15, 19 or 24 inches apart.

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CORN PLANTING TOOLS



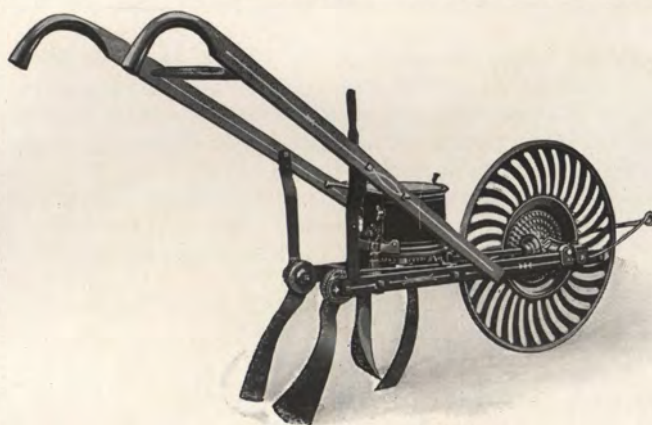
Kentucky Plain Disk One-Row Corn Drill with 10-hole Plate
Drops Single Kernels 7, 9, 11, 12, 14, 16, 18 or 25 inches apart.



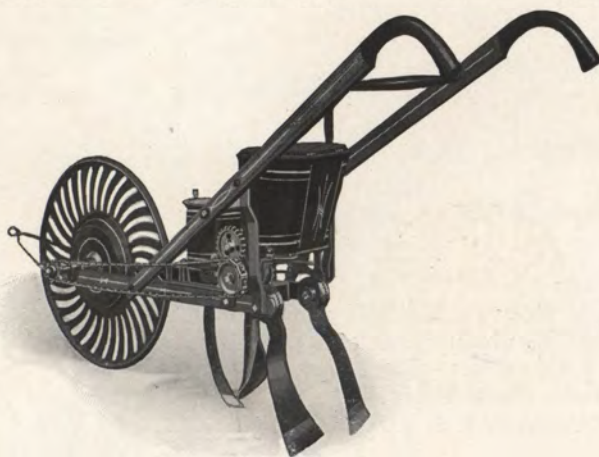
Kentucky Fertilizer Disk One-Row Corn Drill with 10-hole Plate
Drops Single Kernels 7, 9, 11, 12, 14, 16, 18 or 25 inches apart.
(With Covering Wheel.)

KENTUCKY

CORN PLANTING TOOLS



Kentucky Plain Hoe One-Row Corn Drill with 10-hole Plate
Drops Single Kernels 7, 9, 11, 12, 14, 16, 18 or 25 inches apart.



Kentucky Fertilizer Hoe One-Row Corn Drill with 10-hole
Plate Drops Single Kernels 7, 9, 11, 12, 14, 16, 18 or 25
inches apart.

REGULAR EQUIPMENT

Kentucky No. 10 Corn Planters

Can be set for rows 32, 36, 38, 40, 42, 44, 46 or 48 inches wide.

Michigan Special 28, 32, 36, 38, 40, 42, 44, 46 or 48 inches wide.

Check Rower wire can be furnished with knots 28, 32, 36, 38, 40, 42, 44, 46 or 48 inches apart.

Fertilizer Hoppers can be set for rows 36, 38, 40, 42, 44, 46 or 48 inches wide.

Wheels may have open or closed rims on both 30 and 36-inch sizes, as ordered.

All types of No. 10 Planters shipped with or without Check Rowers, as ordered.

Thirty-inch Wheel Planters may be equipped with Runners, Single Disks or Double Disks, as ordered, and are interchangeable.

Thirty-six-inch Wheel Planters made in Runner style only, both Plain and Fertilizer.

Fertilizer Attachments may be purchased with Planter, or later, as desired.

Planters with 30-inch wheels can be set to drill single kernels 10, 13, 14, 15, 17, 18, 20, 24 or 26 inches apart, as desired.

Planters with 36-inch wheels can be set to drill single kernels 10, 12, 13, 14, 16, 17, 18, 23 or 26 inches apart, as desired.

Kentucky No. 21 Corn Drills

Can be set for rows 32, 36, 38, 40, 42, 44, 46 or 48 inches wide.

Drills with 30-inch wheels can be set to drill single kernels 10, 13, 14, 15, 17, 18, 20, 24 or 26 inches apart, as desired.

Drills with 36-inch wheels can be set to drill single kernels 10, 12, 13, 14, 16, 17, 18, 23 or 26 inches apart, as desired.

Fertilizer Hoppers can be set for rows 36, 38, 40, 42, 44, 46 or 48 inches wide.

Designed for drilling in rows only. Cannot be arranged to use Check Rowers or drop in hills.

Wheels may have open or closed rims on both 30 and 36-inch sizes, as ordered.

Thirty-inch Wheel Two-Row Corn Drills may be equipped with Runners or Double Disks, and are interchangeable.

Thirty-six-inch Wheel Two-Row Corn Drills made with Runners only, both Plain and Fertilizer.

Fertilizer Attachments may be purchased with Drill, or later, as desired.

Kentucky One-Row Corn Drills

Brush Cut-Off.

One 10-Hole Plate.

Hoe and Disk Drills with Blade Covering Shares.

Broom Corn and Sorghum Seed Attachment.

Hoe and Disk, Grain Feed—Cog Drive.

Shoe, Grain Feed—Chain Drive.

Fertilizer Attachment—Chain Drive.

Manufactured by

THE AMERICAN SEEDING-MACHINE COMPANY

(Incorporated)

RICHMOND, INDIANA, U. S. A.

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