

John Deere 494A and 495A Corn Planters

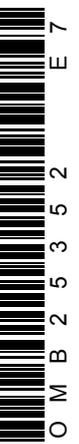


OPERATORS MANUAL John Deere 494A and 495A Corn Planters

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John Deere Plow & Planter Works
OMB25352 E7

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ENGLISH





to the purchaser

Your new Planter is sturdy and dependable. It will give long and efficient service if given proper care and operation.

This operator's manual is provided to furnish information on the proper operation, adjustment, maintenance, and lubrication of the 494A and 495A Planters. Generally instructions apply to either machine. However, where instructions apply specifically to only one machine, the information is included in the heading.

When in need of parts, see your John Deere dealer. He will furnish genuine John Deere Parts and prompt and efficient service in the field or in the shop.

Right-hand and left-hand reference is determined by standing at the rear of the planter and facing the direction of travel.



Study this manual carefully. Keep it handy, in a safe place, for future reference.

494A OR 495A CORN PLANTER

Check off model of your planter, special equipment obtained, and record date purchased.

Model:

- 494A—Hill-Drop with runner openers . . .
- 494A—Hill-Drop with disk openers
- 494A—Drill with runner openers
- 494A—Drill with disk openers
- 495A—with runner openers
- 495A—with disk openers

Check-Row Attachment

Fertilizer Attachment:

- Dry
- Liquid

Gauge Shoes

Trash Kickers

Multi-Luber System

Press Wheel Scrapers

Press Wheel Bands

Rubber Press Wheel Tires

Double-Disk Furrowers:

- 9-Inch
- 11-Inch
- 12-Inch

- Covering Knives
- 8-Inch Disk Coverers
- Seed Packer Wheels
- Minimum Tillage Attachment
- 14-Inch Double Disk Seed Opener (White iron bearings)
- 14-Inch Double Disk Seed Opener (Anti-friction bearings)
- Pea Attachment
- Insecticide Attachment
- Wide Band Insecticide Spreader
- Shield for Wide Band Insecticide Spreader
- Six-Row Planting Extension
- Eight-Row Hitch Attachment
- Row Leveling Blade Attachment
- Pre-Emergence Sprayer
- Granular Herbicide
- Compaction Seed Runner

Date Purchased



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specifications

TYPES—494A Four-Row Hill-Drop Corn Planter. (Check-Row attachment can be installed on Hill-Drop Planter for check-row planting.)
 494A Four-Row Drill Corn Planter.
 495A Four-Row Hill-Drop or Drill Corn Planter.

OPENERS—Runner Openers, Regular. 14-Inch Double Disk Openers with white iron or anti-friction bearings.

ROW SPACINGS—Regular 494A Hill-Drop or Drill Planter or 495A Planter - 30, 32, 34, 36, 38, or 40 inches.
 Special 494A Hill-Drop or Drill Planter or 495A Planter - 28, 30, 32, 34, 36, 38, or 40 inches.

TYPE OF LIFT—Remote hydraulic cylinder.

TYPE OF DRIVE—Sprocket and chain from ground wheels.

SEED HOPPERS— $3/4$ bushel capacity, with seed gauges, regular.

Special hoppers (smaller diameter) available for 28- or 30-inch row widths.

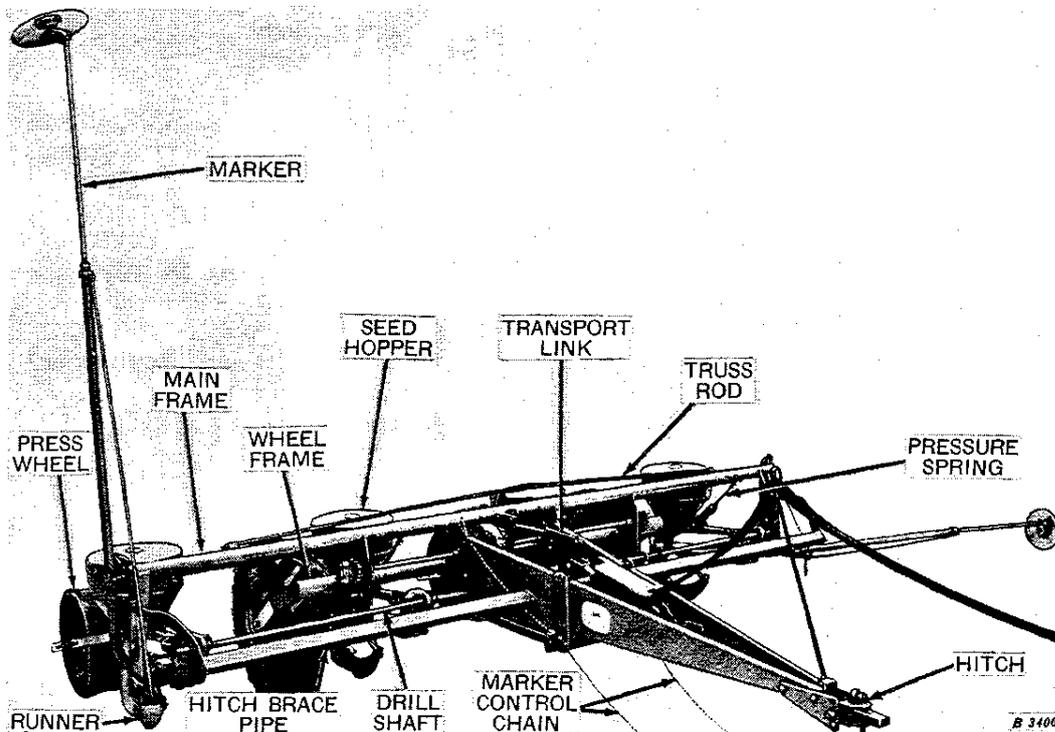
PRESS WHEELS—18-inch press wheels that can be equipped with scrapers and/or steel press wheel bands, or zero pressure rubber press wheel tires.

MARKERS—Disk type—automatically raised, and lowered when planter is raised and lowered. Special markers available for 28-, 30-, or 32-inch row widths.

OVER-ALL TRANSPORT WIDTH—12 feet—less checkheads.

PLANTING UNITS—Each unit individually mounted for maximum flexibility.

PLANTING DEPTH—Controlled by press wheel on each planting unit.



494A Hill-Drop Corn Planter

CHECK-ROW ATTACHMENT—494A Only—Can be installed on Hill-Drop Planter for check-row planting.

FERTILIZER ATTACHMENTS—Dry Fertilizer Attachment—Auger feed, 2 hoppers; capacity of each hopper is approximately 450 pounds. Liquid Fertilizer Attachment—Gravity feed, 2 tanks; capacity of each tank is approximately 500 pounds.

Fertilizer Openers—Runner or Double-Disk Openers.

Fertilizer Valves—Available for 494A Hill-drop or 495A Planter equipped with liquid or dry fertilizer attachment. Planter must be equipped with double-disk openers when using valves with liquid fertilizer attachment.

Valve Timers—Available for 494A Hill-Drop Planters or 495A Planters. They are not needed when hill-dropping 19 or 38 inches with a 494A Planter. To valve the fertilizer with a 495A Planter, the valve timers must be used. The fertilizer valve action is regulated with the timer so that the fertilizer band is placed in proper relation to the hill.

PEA ATTACHMENT—Available for planting peas or beans in the row with the corn.

GAUGE SHOE ATTACHMENT—7-1/2-inch gauge shoes available for loose ground condition.

SIX ROW PLANTING EXTENSION—The planting unit extensions contain the necessary parts to convert the 494A and 495A Planter to a 6-row planter with 28- or 30-inch row spacing. The planting units have the drill-type shank. The planting unit may be ordered with runner or double-disk openers. The fertilizer attachments, minimum tillage and the 11- or 12-inch disk furrowers cannot be used on this attachment.

EIGHT ROW HITCH ATTACHMENT—The eight row hitch attachment allows two 494A or 495A Planters set for 40-inch row widths to be used together.

NO. 9, 11, AND 12 COMBINATION HITCHES—The No. 9, 11, and 12 Combination Hitches can be used to combine the tillage and planting operation.

COMPACTION SEED RUNNER—Will make a wide seed trench which results in a more uniform planting depth and more uniform germination.

ROW LEVELING BLADES—This attachment will mix either granular or sprayed herbicide in the soil from the surface to a depth of approximately 1/2-inch depending on soil types and conditions.

WIDE BAND INSECTICIDE SPREADER—The insecticide wide band spreader is designed to apply a band of granular insecticide approximately 7 inches wide in front of the press wheel on top of the ground at the time of planting.

SHIELD FOR THE WIDE BAND INSECTICIDE SPREADER—The shield will keep the wind from blowing the insecticide and, therefore, maintain a more uniform pattern.

DOUBLE-DISK FURROWING ATTACHMENT—9-, 11-, or 12-inch furrower available for planting the seed in shallow furrows.

COVERERS—Knife or disk coverers are available for more positive seed coverage.

INSECTICIDE ATTACHMENT—Will apply insecticides in the row with the seed at the time of planting.

PRE-EMERGENCE SPRAYER—Will apply liquid herbicide over the row at the time of planting. The 22 or 25A Sprayer may be used for pre-emergence spraying.

TRASH KICKER—Will push aside small stones and trash ahead of the runner.

GRANULAR HERBICIDE ATTACHMENT—Available for applying granular herbicide over the row at the time of planting.

SEED PACKER WHEEL ATTACHMENT—494A Only—Will press the seed against the moist soil in the bottom of the furrow.

MINIMUM TILLAGE ATTACHMENT—This attachment decreases tillage operations prior to planting. It smooths out the seedbed and assures a more uniform planting depth.

Covering knives or disk coverers are recommended to be used in conjunction with the minimum tillage attachment.

MULTI-LUBER SYSTEM—Optional, for quick lubrication of the planter.

(Specifications and design subject to change without notice)

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