

JOHN DEERE 493A COTTON AND CORN PLANTER



OPERATORS MANUAL JOHN DEERE 493A COTTON AND CORN PLANTER

OMB25385 (01APR67) English

**JOHN DEERE HARVESTER WORKS
OMB25385 (01APR67)**

LITHO IN THE U.S.A. (REVISED)
ENGLISH





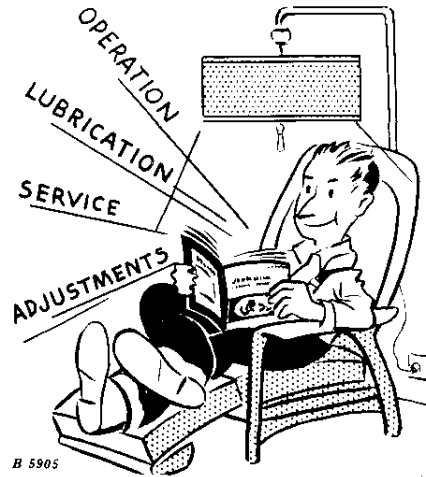
to the purchaser

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

This operator's manual contains information on the proper operation, adjustment, maintenance, and lubrication.

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.

493A COTTON AND CORN PLANTER

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

Model:

493A with runner openers	<input type="checkbox"/>
Fertilizer Attachment:	
Dry	<input type="checkbox"/>
Liquid	<input type="checkbox"/>
Gauge Shoes	<input type="checkbox"/>
Trash Kickers	<input type="checkbox"/>
Press Wheel Scrapers	<input type="checkbox"/>
Press Wheel Bands	<input type="checkbox"/>
Rubber Press Wheel Tires	<input type="checkbox"/>
Row Leveling Blades	<input type="checkbox"/>
Shelled Peanut Attachment	<input type="checkbox"/>
Unshelled Peanut Attachment	<input type="checkbox"/>

Double-Disk Furrowers:

9-inch	<input type="checkbox"/>
11-inch	<input type="checkbox"/>
12-inch	<input type="checkbox"/>
Covering Knives	<input type="checkbox"/>
8-Inch Disk Coverers	<input type="checkbox"/>
Seed Packer Wheels	<input type="checkbox"/>
Minimum Tillage Attachment	<input type="checkbox"/>
Double-Disk Seed Openers:	
14-in. hard iron bearings	<input type="checkbox"/>
14-in. Anti-Friction bearings	<input type="checkbox"/>
11-in. Anti-Friction bearings	<input type="checkbox"/>
Pea and Bean Attachment	<input type="checkbox"/>
Insecticide Attachment	<input type="checkbox"/>
Pre-Emergence Sprayer	<input type="checkbox"/>
Granular Herbicide	<input type="checkbox"/>
Date Purchased	<input type="checkbox"/>



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specifications

Type of Planter—Four-row, pull-type cotton and corn.

Row Spacing—32 to 40 inches, inclusive.

Openers—Runner openers are regular and 11 or 14-inch double-disk openers are available.

Type of Lift—Tractor must be equipped with an 8-inch stroke, remote hydraulic cylinder that conforms to ASAE-SAE standards.

Type of Drive—Sprocket and chain from ground wheels.

Carrying Wheels—Wheels less tires and tubes are regular equipment. Wheels with directional tread tires (6.70 x 15) and tubes mounted at factory are available.

Press Wheels—18-inch press wheels can be equipped with scrapers and/or steel press wheel bands, or zero-pressure rubber press wheel tires with smooth or cleated tread.

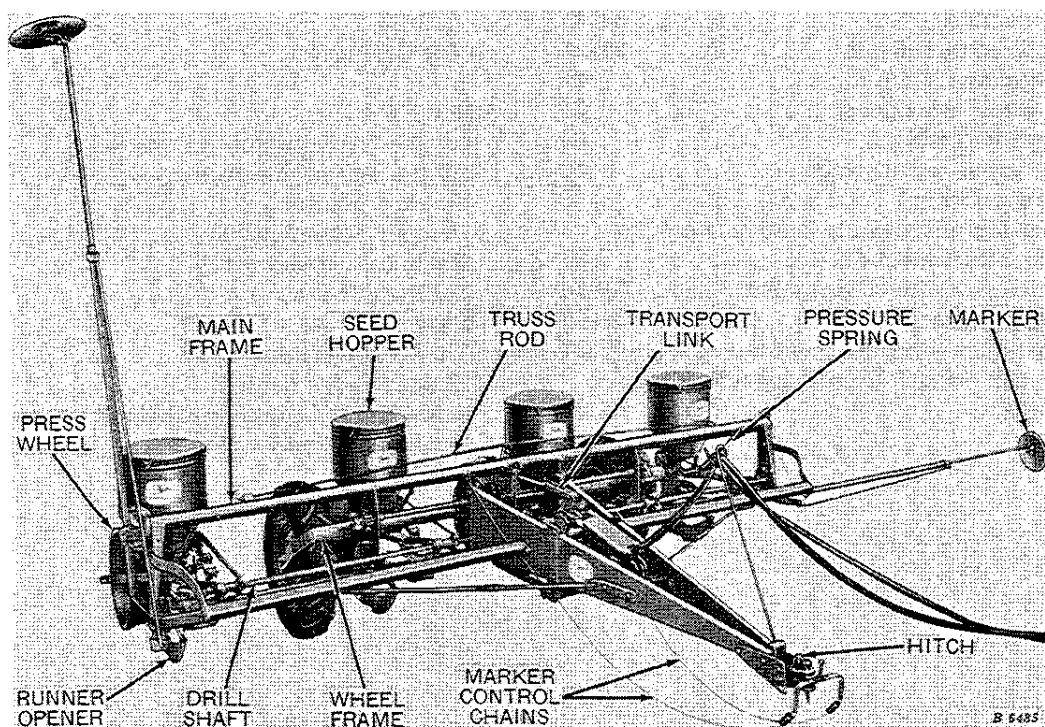
Markers—Disk type automatically raise or lower when the planter is raised or lowered.

Over-All Transport Width—12 feet.

Planting Units—Each unit individually mounted for maximum flexibility.

Planting Depth—Controlled by the press wheels on each planting unit.

Seed Hoppers—1-1/5 bushel capacity.



493A Cotton and Corn Planter

7-1/2 or 15 inch Gauge Shoe Attachment—To gauge the depth of planting in loose ground conditions.

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—Available for applying liquid commercial herbicide on the row at the time of planting.

Granular Herbicide—Available for applying granular commercial herbicide on the row at the time of planting.

Row Leveling Blades—This attachment will mix either granular or liquid herbicide in the soil from the surface to a depth of approximately 1/2-inch depending on soil types and conditions.

Eight Row Hitch Attachment—The eight row hitch attachment allows two 493A Planters set for 40-inch row widths to be used together.

Seed Packer Wheel—Will press the seed against the moist soil in the bottom of the furrow.

Minimum Tillage—Permits planting directly in plowed ground.

Fertilizer Attachment—

Dry Fertilizer Attachment—Auger feed, two hoppers, capacity of each hopper is approximately 450 pounds.

Liquid Fertilizer Attachment—Gravity feed, two tanks, capacity of each tank is approximately 500 pounds.

Fertilizer Openers—Runner or double-disk openers are available.

(Specifications and design subject to change without notice.)

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