



23B UNIT PLANTER



JOHN DEERE

OPERATORS MANUAL 23B UNIT PLANTER

OMB50957 (01SEP57) English

OMB50957 (01SEP57)

LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

Your new John Deere Unit 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, and lubrication of your new planter. A parts list, with illustrations, is provided.

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 shop.

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



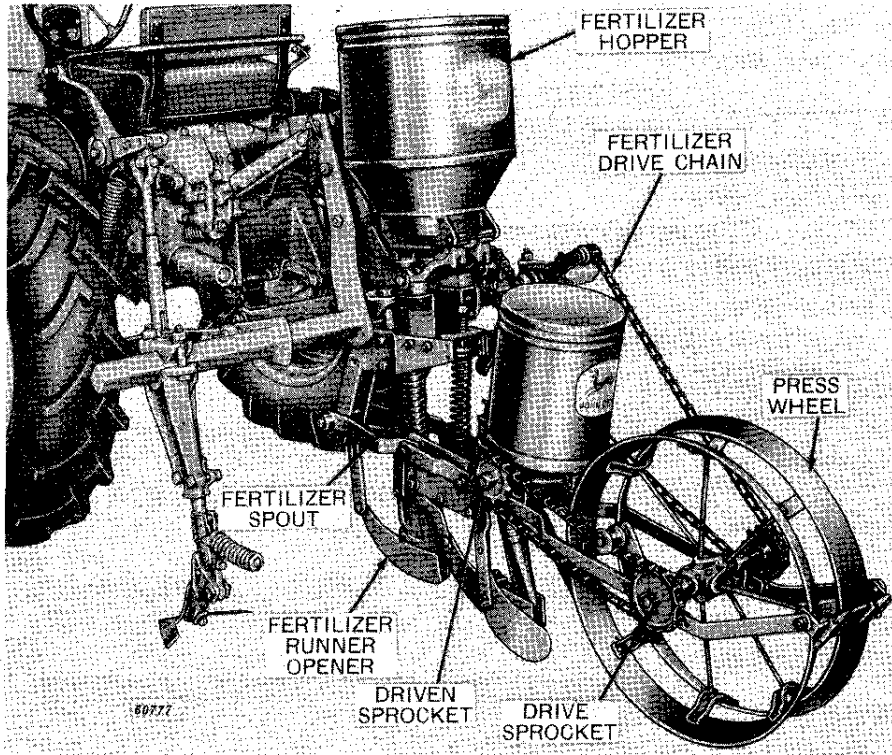
Right-hand and left-hand reference is determined by standing at the rear of the planter and facing the direction of travel.

JOHN DEERE 23B UNIT PLANTER

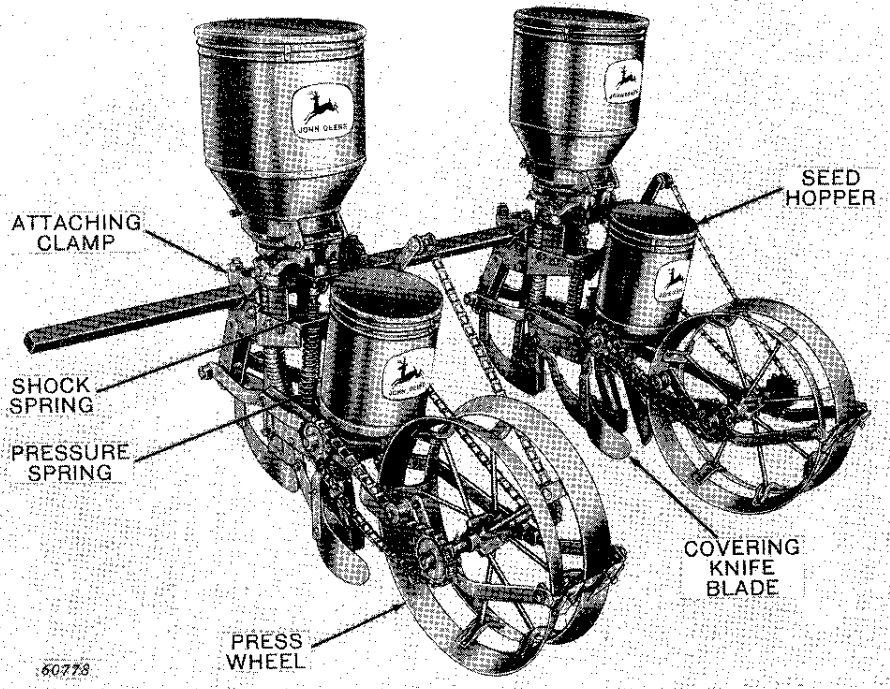
Date Purchased.....

TABLE OF CONTENTS

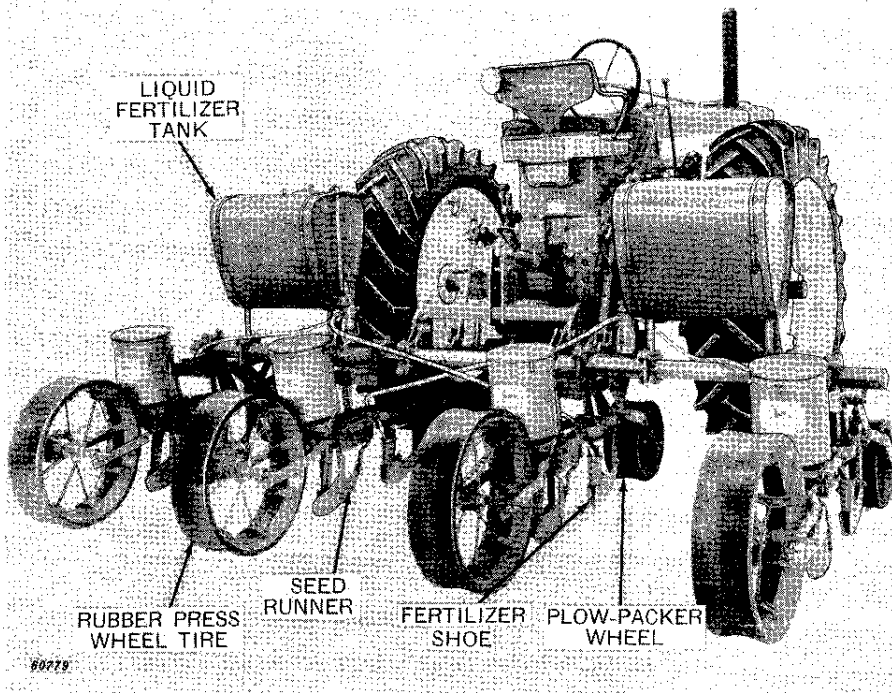
	<i>Page</i>
SPECIFICATIONS	5-6
OPERATION	7-16
Row Widths	7
Planting Cotton	7
Planting Corn and All Other Seed Except Cotton	7
Regulating Depth of Planting	8
Adjusting Spring Pressure	8
Preparing the Tractor	9
Leveling the Planter	9
Drilling—Regular Sprockets	10
Drilling—Special Sprockets	11
Approximate Pounds of Soybeans Planted per Acre	11
Approximate Pounds of Maize Planted per Acre	12
Seed Plates	13-15
Safety Suggestions	16
LUBRICATION	17
ATTACHMENTS	18-32
Dry Fertilizer Attachment	18-19
Liquid Fertilizer Attachment	20-23
Gauge Shoes	24
Shovel Standards	25
Cole Hopper Adapter	26-27
Double-Disk Furrowing Attachment	27
Semi-Pneumatic Rubber Press Wheel Tires	28
Press Wheel Band	29
Pea or Bean Attachment	30
Coulter	30
Brush Cut-Off and Baffle Plate Attachment	31
Fine Seed Attachment	31
Plow Packer Wheel	32
Seed Packer Wheel	32
ASSEMBLY	33
PARTS LIST	34-51



23B Unit Planter with Dry Fertilizer Attachment Mounted on a John Deere 4100 Cultivator Rear Rig



*Two 23B Unit Planters with Dry Fertilizer Attachments
Mounted on a Tool Bar*



Four 23B Unit Planters with Liquid Fertilizer Attachment, Plow-Packer Wheels, and Rubber Press Wheel Tires Mounted on a Tool Bar

SPECIFICATIONS

Type—The 23B is a single unit Cotton and Corn Planter for drilling and can be attached to any 1-3/4-inch to 2-1/4-inch rear-mounted square bar. Two or four units may be used for larger operation.

Row Spacing—20-inch minimum. Maximum spacing is limited only by the length of the square bar and the square bar attaching parts.

Type of Drive—Sprocket and chain from press wheel axle.

Seed Hopper—Approximately 1/3 bushel capacity.

Press Wheel—22-inch with scrapers. Steel press wheel band or rubber press wheel tires available as special equipment.

Planting Depth—Controlled by press wheel.

Double-Disk Furrowing Attachment—11-inch furrower available for planting the seed in a shallow furrow.

Dry Fertilizer Attachment—Star feed; capacity of hopper—approximately 100 pounds.

Liquid Fertilizer Attachment—For four unit planters only—gravity feed, two tanks; capacity of each tank—approximately 250 pounds.

Gauge Shoe Attachment—A narrow or wide gauge shoe is available for loose ground planting.

Press Wheel Weights—Recommended when planter is equipped with gauge shoe and dry fertilizer attachment.

Plow-Packer Wheel Attachment—Available for firming the ground ahead of the runner opener so seed can be planted right on plowed ground without disking or harrowing.

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

Shovel Standard Attachment—For planting in furrows or to break the crust ahead of the opener. Available as a spring trip or as a friction trip.

Cole Hopper Adapter—Available as special equipment so Cole Hopper can be installed on planter.

SPECIFICATIONS—Continued

Pea and Bean Attachment—Available for planting peas or beans in the same row with the corn.

Brush Cut-Off and Baffle Plate Attachment—For use when planting fragile seeds such as castor beans.

Fine Seed Attachment—Available for planting small vegetables and grass seed.

Shelled Peanut Planting Attachment—For planting shelled peanuts.

Unshelled Peanut Planting Attachment—For planting unshelled peanuts.

(Specifications and design subject to change without notice.)



THE COMPLETE OBSERVANCE of one simple rule would prevent many thousand serious injuries each year. THAT RULE IS: "NEVER ATTEMPT TO CLEAN, OIL, OR ADJUST A MACHINE WHILE IT IS IN MOTION."

OPERATION

ROW WIDTHS

If a single unit is being used back of the tractor, set the tractor wheel tread as nearly as possible the same width as row width desired. Consult your tractor Operator's Manual for wheel tread adjustments.

Two or four units can be spaced at a minimum of 20 inches. Maximum spacing is limited only by the length of the square bar and the square bar attaching parts.

PLANTING COTTON

Remove the corn cut-off from the seed hopper by unscrewing the thumbscrew which holds it in place. Remove seed plate and turn false plate so that raised side is up. Install cotton spider which is held in place with the same thumbscrew used for the corn cut-off. The hole for the thumbscrew in cotton plate is off to one side of center and must be lined up with corresponding hole in combination gear ring and blank bean plate.

The quantity of cotton planted is regulated by the cotton gate on outside front of hopper. Turning the thumb nut, which controls this gate, to the right, opens the gate and increases the quantity of seed planted. Turning the thumb nut to the left, closes the gate and decreases the quantity.

For best results use the large 12-tooth sprocket on the press wheel axle and the small 6-tooth sprocket on the hopper drill shaft. This drives the cotton picker wheel at its fastest speed.

PLANTING CORN AND ALL OTHER SEED EXCEPT COTTON

Remove the cotton spider. If small grain such as feterita, kafir corn, sorghum, etc., is to be planted, the false plate must always be installed so that the raised side is up. If large seed such as corn is to be planted, remove the false plate and reinstall it with the flat side up. Some plates require special false plates (see pages 13-15). Select and place in position the desired seed plate. Install the corn cut-off, fitting the raised part over the cut-off stop near bottom of hopper. Fasten it in place with the thumbscrew which passes through center of cut-off and screws into gear ring stud bolt. Be sure the cut-off plate fits down tightly against the false ring.

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com