



1300 Planter



JOHN DEERE

OPERATORS MANUAL

1300 Planter

OMB25492 A0 English

John Deere Des Moines Works
OMB25492 A0

LITHO IN U.S.A.
ENGLISH





To the Purchaser

This new planter was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need - whether it is operation, lubrication, or adjustments and service. Read the Table of Contents to learn where each section is located. Use the alphabetical index for fast reference.

In addition to the equipment furnished with your planter, attachments are available to help you do a better job in special crop conditions. These are described in the attachments sections of this manual and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the planter will travel when in use.

Record your planter serial numbers in the space provided on page 68. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If your planter requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts - accept no substitutes.

The warranty on this planter appears on your copy of the purchase order which you should have received from your dealer when you purchased the planter.

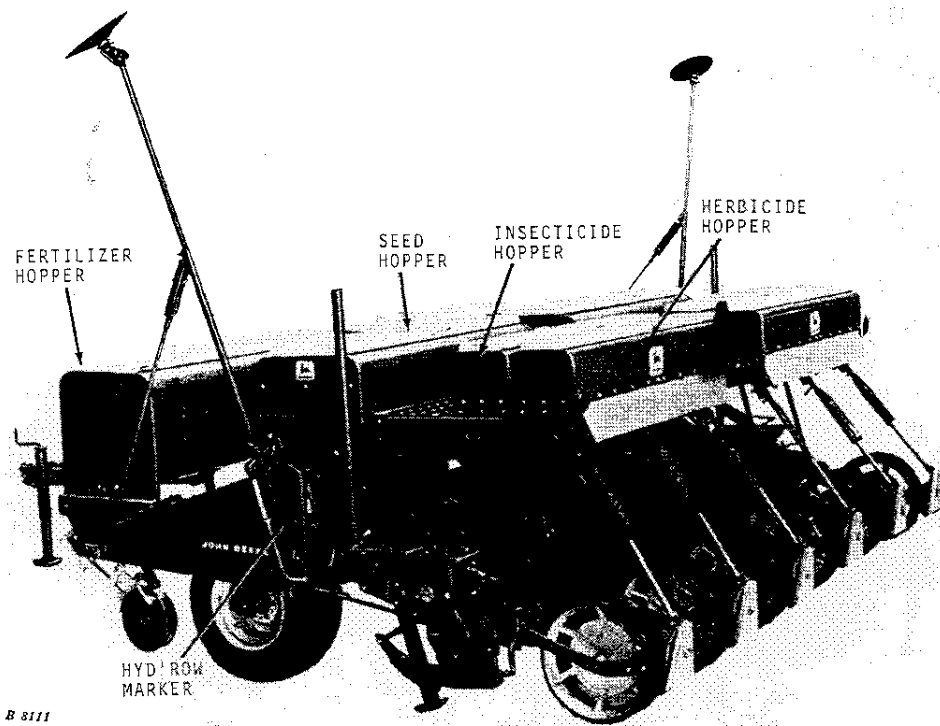


This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



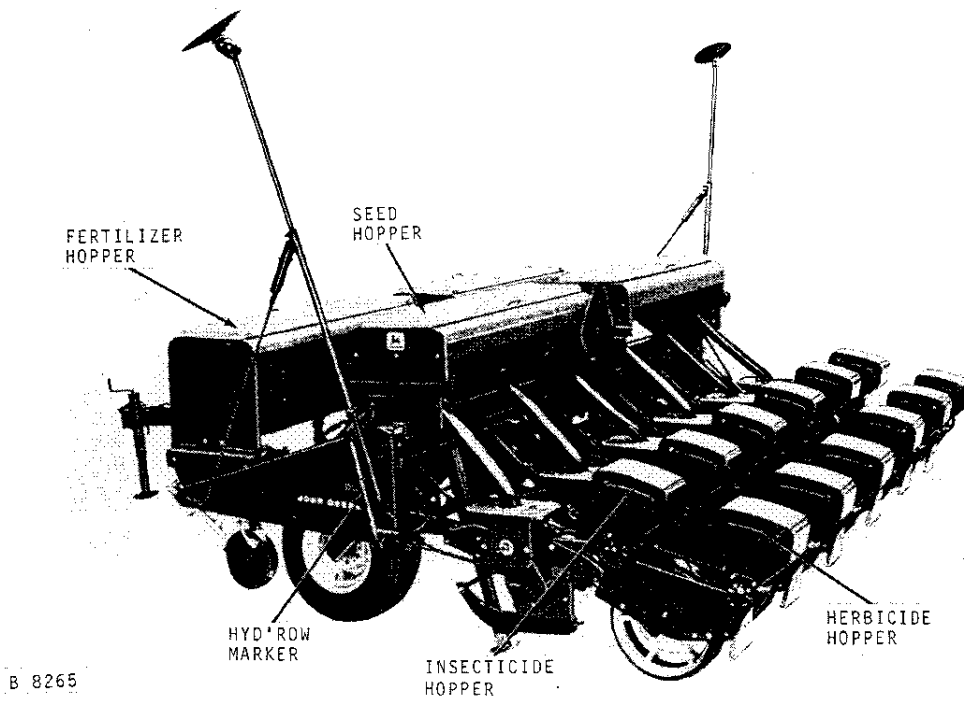
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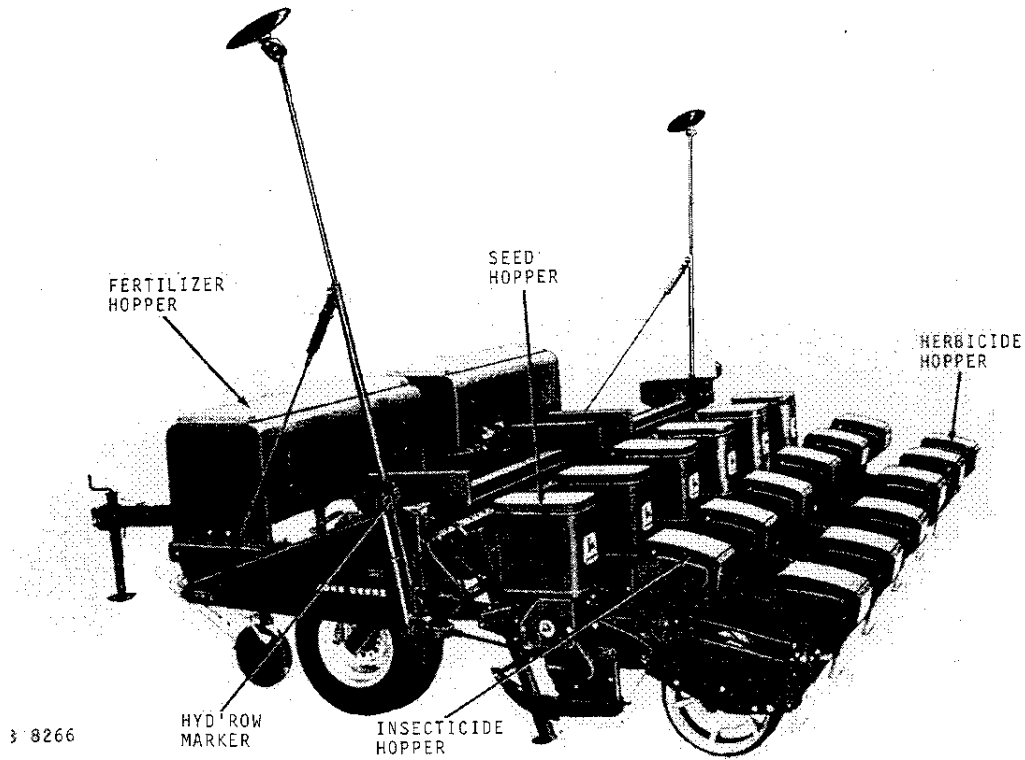


B 8111

John Deere 1300 Planter with Central Seed, Insecticide and Herbicide Hoppers



John Deere 1300 Planter with Central Seed Hopper and Individual Insecticide and Herbicide Hoppers



John Deere 1300 Planter with Individual Seed, Insecticide and Herbicide Hoppers



Operation

PREPARING THE TRACTOR

The tractor must be equipped with an 8-inch stroke remote hydraulic cylinder that conforms to ASAE-SAE standards. When the 8-row (20" row spacing) 1300 Planter is equipped with central seed, herbicide, and insecticide hoppers, the fertilizer attachment and the plateless planting units, the lift capacity of the 3-inch diameter remote hydraulic cylinder, furnished with the 3020 and 4020 tractors, may be exceeded. Should lift stalls occur, use a 3.5-inch diameter remote hydraulic cylinder furnished with 4520 and 5020 tractors.

In addition to the hoses on the hydraulic cylinder, add two R30815 couplers, and two 48-inch hydraulic hoses.

On tractors with an adjustable drawbar, place the drawbar approximately 15 inches from the ground and bolt it in the center of the tractor.

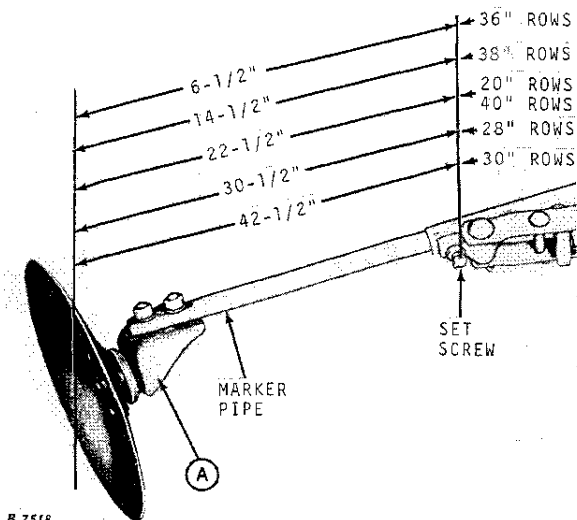
If possible, set the tractor rear wheels center to center of tread, and equal distance from center line of tractor, as follows:

Row Width	Tractor Rear Wheel Tread
28 or 30 Inches	60 Inches
36 Inches	72 Inches
38 Inches	76 Inches
20 or 40 Inches	80 Inches

If this cannot be done it is best to adjust the tractor rear wheels so the planter wheels run entirely out of the tractor wheel tracks.

PREPARING THE PLANTER

Markers



B 7518

The markers on the planter are adjustable for 20-, 28-, 30-, 36-, 38-, or 40-inch row widths.

The marker illustrated is actually set for either 20- or 40-inch row widths. To change the markers for other row widths, loosen the setscrews in each marker so the marker pipes will slide. The distance between the bottom edge of the disk and the setscrew determines the marker setting.

Turn each marker pipe so bracket "A" is in position illustrated. Tighten set screws securely to hold markers in place.

Lubrication

Consult the lubrication charts on pages 26-28.

Regular and systematic lubrication is the best assurance against breakdowns and delays. It will help you get better service from your planter and save on maintenance costs.

Tire Inflation

Inflate 11.00L - 15 high flotation tires to 35 psi of air pressure.

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