

JOHN DEERE 33 VEGETABLE PLANTER

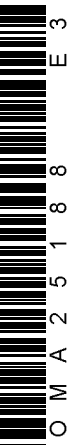


OPERATORS MANUAL JOHN DEERE 33 VEGETABLE PLANTER

OMA25188 E3 English

JOHN DEERE PLOW & PLANTER WORKS
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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 "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 special equipment section 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.

IMPORTANT: Proper lubrication is required to keep your planter in good working condition and to guard against excessive wear, breakage, or hard driving. See page 11 for lubrication chart.

JOHN DEERE 33 UNIT VEGETABLE PLANTER

Check off type of attachments and record date purchased.

Date Purchased

Chevron Tread Press Wheel Tire and Rim with Press Wheel Mounting Brackets

Rib Type Press Wheel Tire and Rim with Press Wheel Mounting Brackets

6 - 16 Concave Press Wheel Tire and Rim with Press Wheel Mounting Brackets

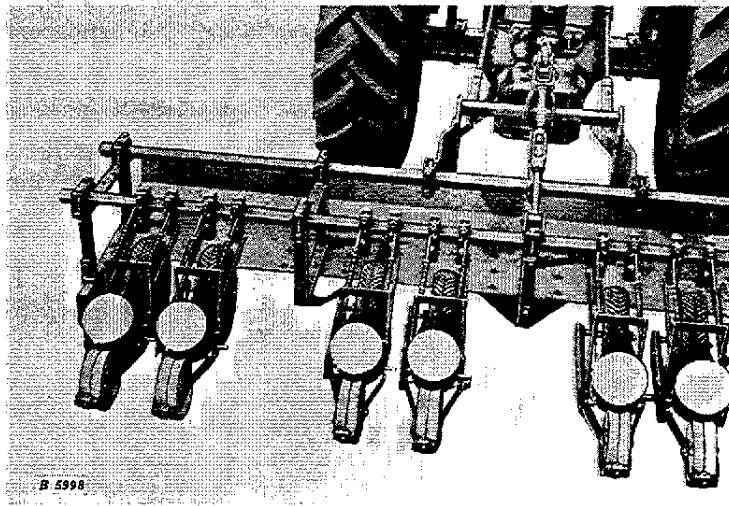
Seed Sizing Kit

Leveling Spring Attachment

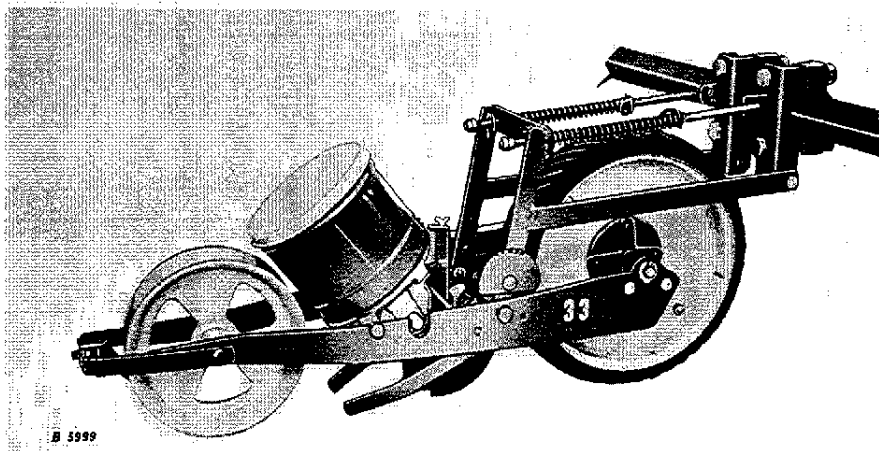


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33 Vegetable Planter Mounted on SKM Sled-Type Tool Carrier



33 Vegetable Planter Mounted on 510 Integral Toolbar



Operation

PREPARING THE TRACTOR

All Tractors

For complete tractor operating instructions, refer to the tractor operator's manual.

Rear Wheel Tread

If two or more units are being used, set the tractor wheel tread as nearly as possible twice the distance of the row width. For example: For 40-inch row widths, set the tractor wheel tread at 80 inches.

Tire Pressure

Consult your tractor operator's manual for front and rear tire pressure.

Front End Weighting

Front end stability is necessary for efficient operation and safety. Therefore, it is important that weight be added to the front end of the tractor according to the following tables:

* Combination 1 - SKM Tool Carrier with Quik-Coupler and two 33 Vegetable Planters.

* Combination 2 - SKM Tool Carrier with Quik-Coupler and four 33 Vegetable Planters.

* Combination 3 - SKM Tool Carrier with Quik-Coupler and six 33 Vegetable Planters.

* Combination 4 - SKM Tool Carrier with Quik-Coupler and eight 33 Vegetable Planters.

* Combination 5 - SKM Tool Carrier without Quik-Coupler and eight 33 Vegetable Planters.

* Combination 6 - SKM Tool Carrier with Quik-Coupler and twelve 33 Vegetable Planters.

* Combination 7 - SKM Tool Carrier without Quik-Coupler and twelve 33 Vegetable Planters.

* * Denotes tractor-planter combinations not recommended.

33 VEGETABLE PLANTERS MOUNTED ON SKM SLED-TYPE TOOL CARRIER*							
Tractor	Weight (In pounds) Using Following Combinations*						
	1	2	3	4	5	6	7
1020 RU	0	250	400	800	700	* *	* *
1020 HU	0	200	350	750	650	* *	* *
1020 LU	0	250	425	850	750	* *	* *
1520	0	80	240	480	350	* *	* *
2020-2030 RU	0	0	325	650	550	* *	* *
2020-2030 HU	0	0	300	600	500	* *	* *
2020-2030 LU	0	0	325	650	550	* *	* *
2510-2520 RC Roll-O-Matic	0	0	250	500	300	* *	* *
2510-2520 RC Adj. Tread	0	0	100	200	0	* *	* *
3010-3020 RC Roll-O-Matic	0	0	150	300	100	* *	* *
3010-3020 RC Adj. Tread	0	0	0	0	0	1100	900
3010-3020 Utility	0	0	0	100	0	* *	* *
3010-3020 Standard	0	0	0	0	0	* *	* *
4000-4010-4020-4030-4230 RC Roll-O-Matic	0	0	0	0	0	900	700
4000-4010-4020-4030-4230 RC Adj. Tread	0	0	0	0	0	600	400
4000-4010-4020-4030-4230 RC Standard	0	0	0	0	0	600	400

Front End Weighting - Continued

NOTE: Front end weight may be reduced 100 pounds if Quik-Coupler is not used. No additional front end weight is needed with the following combinations:

Two 33 Vegetable Planters mounted on 5D, 5E, or 9B Tool Carrier with Quik-Coupler when used with the 1520 Series Tractors.

Four 33 Vegetable Planters mounted on 5D, 5E, or 9B Tool Carrier with Quik-Coupler when used with the 1020RU, 1020HU, 1020LU, 1520 Series Tractors.

Six 33 Vegetable Planters mounted on 5D, 5E, or 9B Tool Carrier with Quik-Coupler when used with the 1520 Series Tractors.

Eight 33 Vegetable Planters mounted on 5D, 5E, or 9B Tool Carrier with Quik-Coupler when used with 1020, 1520, 2020, 2030, 2510, and 2520 RC Series Tractors. This tractor-planter combination is not recommended for the 2520HC Series Tractors.

40, 420, 430, 1010, 1020, or 1520 Series Tractors**Belt Pulley**

The belt pulley must be removed from the tractor, if the tractor is so equipped.

Rockshaft - 40, 420, 430, or 1010 Series Tractors

Adjust the tractor hydraulic system so integral cylinders are parallel and the lift arms operate together. See tractor operator's manual.

Load-and-Depth Control System

Lock out the Load-and-Depth Control action on the 40, 420, 430, and 1010 Series Tractors. Place the rockshaft selector lever in the "D" position on the 1020 and 1520 Series Tractors.

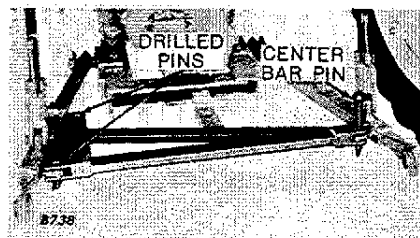
Lift Links

On the 40, 420, 430, or 1010 Series Tractors, attach the lift links to the inner holes on the rockshaft lift arms. Set the length of the left-hand lift link as recommended in the tractor operator's manual. The right-hand lift link provides adjustment for leveling the toolbar.

On the 1020 and 1520 Series Tractors, adjust the lift links for transport clearance and lateral float. See the tractor operator's manual.

Sway Chains and Sway Blocks

Adjust the sway stop chains or sway blocks to eliminate all side sway when planter is in transport position.

50, 60, or 70 Series Tractors

Position the centering bar between the draft links. Secure the left-hand side with two drilled pins and spring locking pins. Secure the right-hand side with the centering bar pin, cotter pin, and spring locking pin.

520, 530, 620, 630, 720, or 730 Series Tractors**Sway Locks**

Install the sway locks to eliminate side sway except for contour planting.

Load Control Yoke

Install the upper link in hole No. 3 of the load-and-depth control yoke.

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