

**4200 TWO-ROW  
ROW-CROP CULTIVATOR  
(FOR "430," "420," AND  
"40" TRICYCLE TRACTORS**



**JOHN DEERE**

**OPERATORS MANUAL**

4200 TWO-ROW ROW-CROP CULTIVATOR (FOR  
"430," "420," AND "40" TRICYCLE TRACTORS)

OMN19859 H9 English

**OMN19859 H9**

LITHO IN THE U.S.A.  
ENGLISH



## TO THE OWNER

This Operator's Manual has been carefully prepared and illustrated to provide the necessary information regarding installation, operation, and adjustments so that you may obtain maximum service and satisfaction from your new cultivator.

STUDY THIS MANUAL CAREFULLY AND KEEP IT IN A SAFE PLACE FOR FUTURE REFERENCE.



If you find that you require information not covered in this manual, consult your John Deere dealer. He will be glad to answer any question that may arise regarding the operation of your cultivator. Your John Deere dealer has trained mechanics who are kept informed on the best service methods and will render you prompt service if needed.

Occasionally, your cultivator may need new parts to replace worn parts. If you will furnish your dealer the description and the information which should be recorded at the bottom of this page when the cultivator is delivered, he can give you prompt and efficient parts service.

**JOHN DEERE 4200  
TWO-ROW CULTIVATOR**

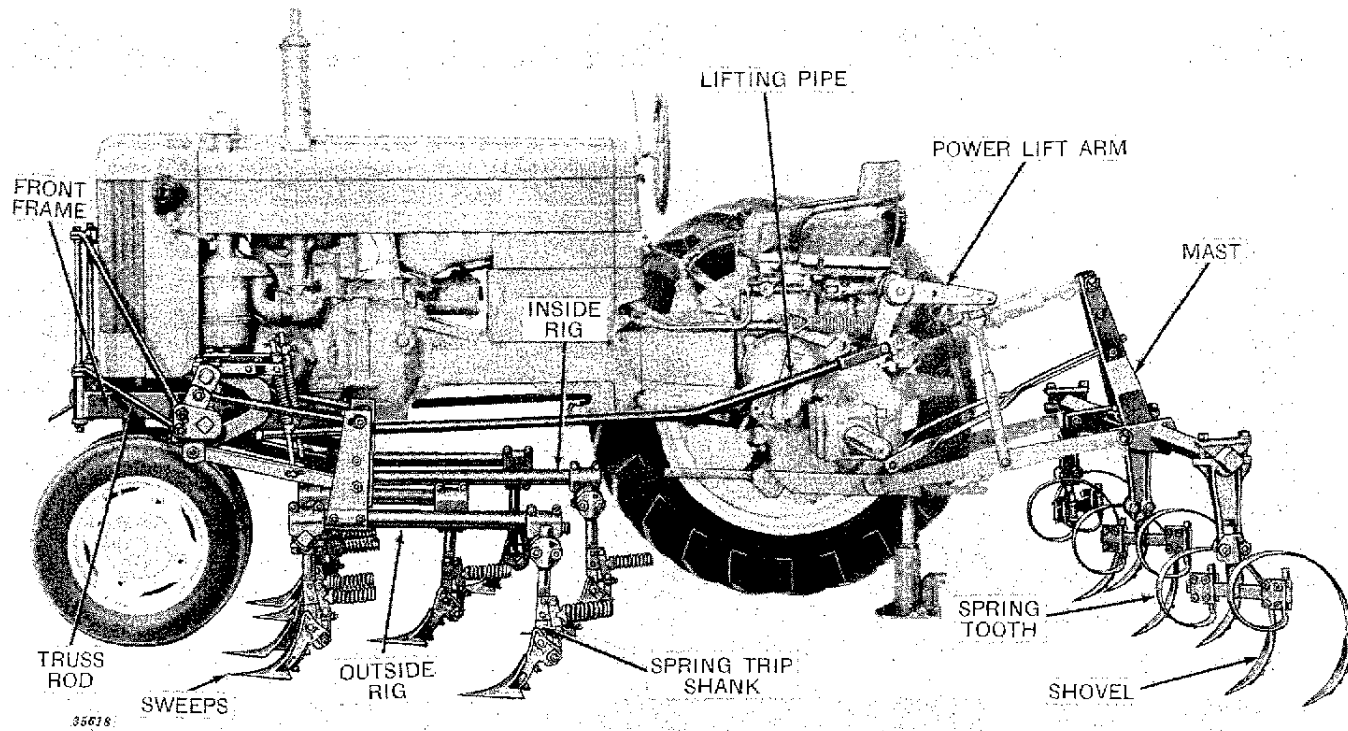
**No. of Cultivator** .....

**Date Purchased** ..... **19** ..

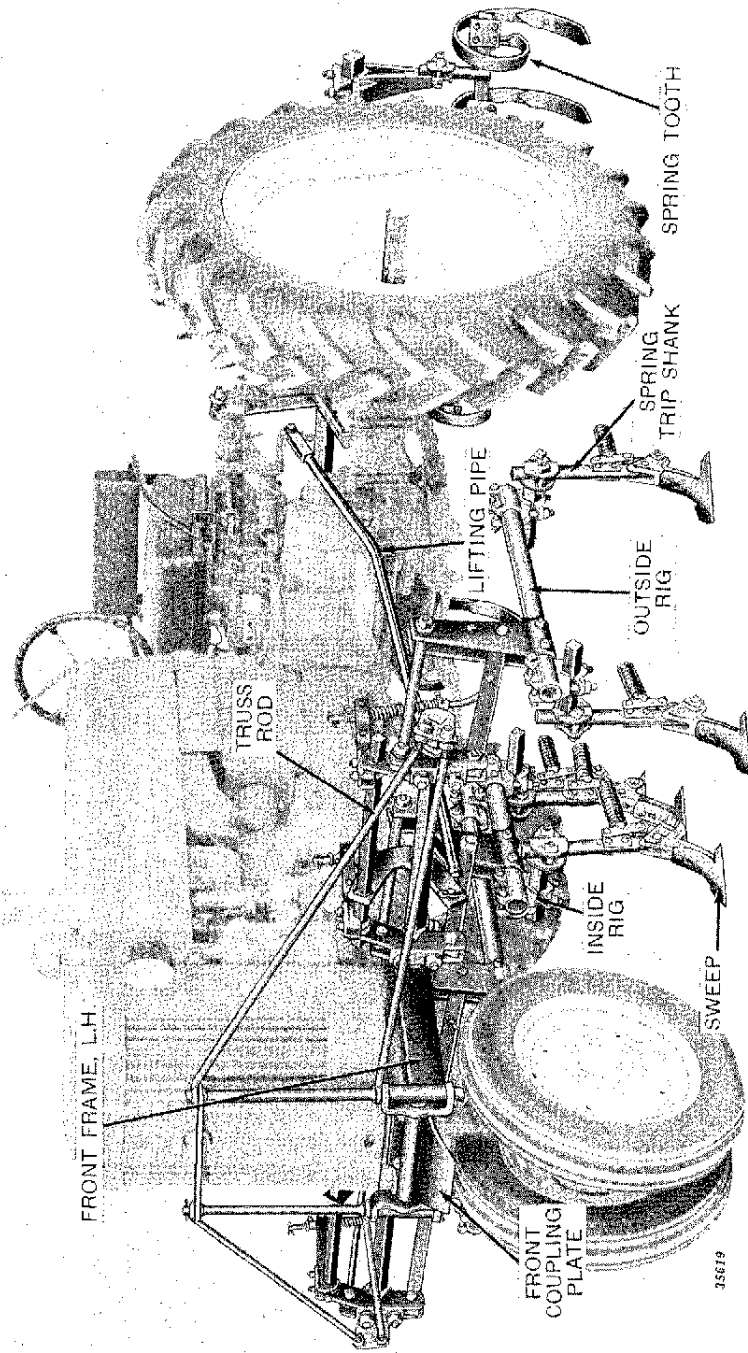
*(To be filled in by Purchaser)*

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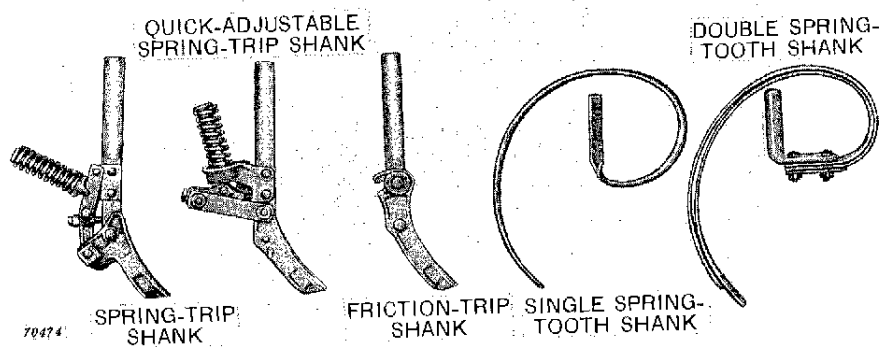
**John Deere 4200 Power Lift Row-Crop Cultivator  
(Tractor Wheel Removed to Show Cultivator Detail)**



*Three-Quarter Left Front View—John Deere 4200 Power Lift Row-Crop Cultivator*

## SPECIFICATIONS

Cultivator Model.....	4200
Row Spacings.....	28" to 42" (Set at factory for 40 inches)
Type of Lift.....	Tractor Rockshaft—Front and Rear Rigs can be lifted independently or simultaneously
Tractor Model Used.....	"430," "420," and "40" Tractors with Tricycle-type front wheels
Tractor Fenders.....	Usable with this cultivator
Front Rig Equipment.....	RE-2 —8 Regular Spring-Trip Shanks RE-3 —8 Quick-Adjustable Spring-Trip Shanks RE-4 —11 Single Spring-Tooth Shanks RE-5 —8 Double Spring-Tooth Shanks RE-14—8 Friction-Trip Shanks RE-19—8 Single Spring-Tooth Shanks



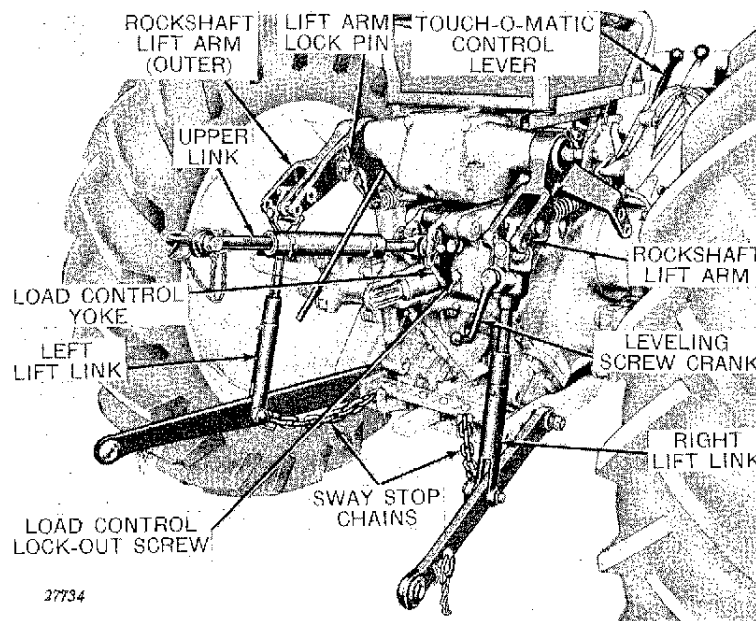
Rear Rig Equipment.....	80 Series Rear Rigs (Regular Equipment) 270 Series Rear Rigs (Optional in place of 80 Series)
Rear Rig Shank Equipment..	82 and 272—Spring-Trip Shanks 83 and 273—Quick-Adjustable Spring-Trip Shanks 277—Single Spring-Tooth Shanks 88 and 278—Single Spring-Tooth Shanks
Extra Equipment.....	Plant Shields Disk Hillers Spread Bar Rotary Hoe Attachment No. 1 Knife Attachment No. 1 Center Attachment 21 Spring-Tooth Attachment Rig Bars for Vegetable Uses

*(Specifications and design subject to change without notice.)*

## OPERATION

With the wide variety of clamps, shanks, shovels or sweeps available, the cultivator will do good work in all types of soil and over a wide range of field conditions. The instructions in this manual cover the necessary adjustments for the best field results. A correctly adjusted cultivator pulls easily, penetrates uniformly, and kills weeds properly.

### PREPARING THE TRACTOR



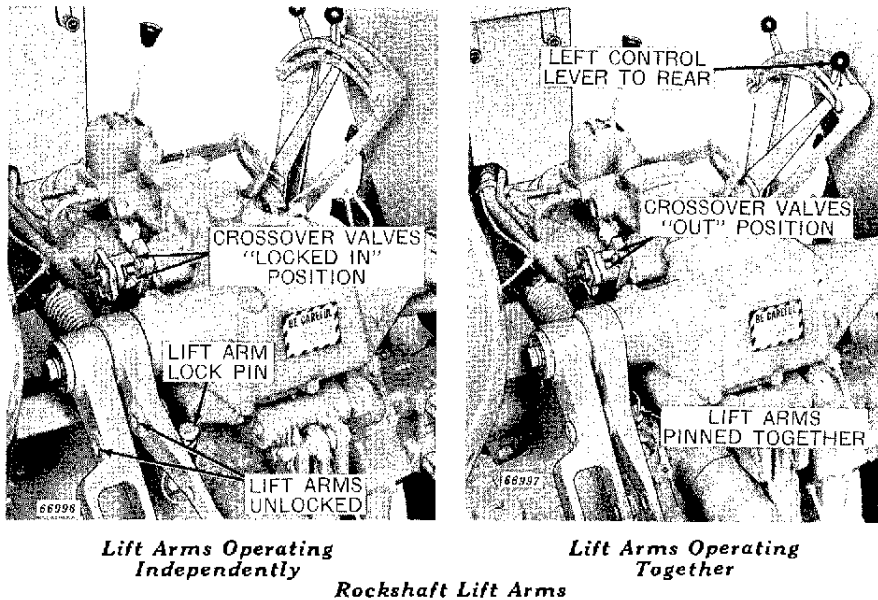
The rear wheels of the tractor should be 56 to 84 inches apart, center to center of tires, equi-distant from the center line of the tractor, depending upon the width of the row. The wheel spacing should be twice the row spacing.

For average field conditions pin the upper link to the center hole in load control yoke. For light draft conditions use bottom hole. Use the top hole for heavy draft conditions.

Turn in load control lock-out screw so load control yoke will operate.

Pin upper end of lift links to **inner** holes in rockshaft lift arms.

### SETTING FOR INDEPENDENT OR SIMULTANEOUS LIFT



The rockshaft lift arms can be operated independently or they can be operated together as shown above.

If it is desired to have cultivator front and rear rigs lift independently of each other, set the crossover valves in the "locked in" position. Remove lift arm lock pin so the two cylinders and rockshaft can be operated as independent units.

If it is desired to have both cultivator front rigs and rear rigs lift simultaneously, lock lift arms together with lock pin, move inner (left) Touch-automatic control lever to rear and secure in this position with quadrant stop. Set the crossover valves in "out" position.

On older "420" Tractors and all "40" Tractors a selector lever is used in place of a crossover hand wheel. Move the lever to the rear position for independent lift or forward for simultaneous lift.

Turn in load control lock-out screw so load control yoke will operate regardless of the type of lift used. (See your Tractor Operator's Manual.)

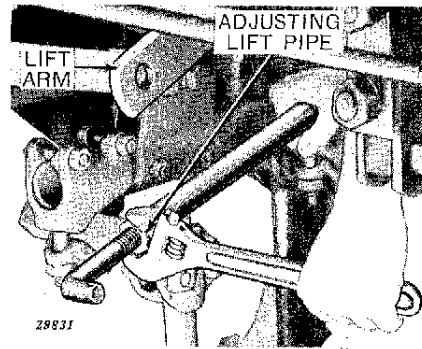


**LIFTING PIPE**

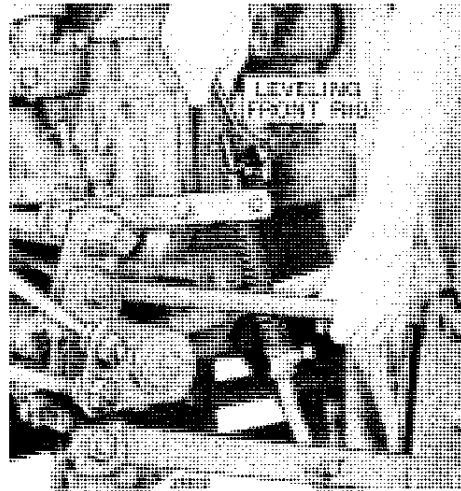
Both right-hand and left-hand rigs should raise simultaneously.

Disconnect lift rod from lift arm.

Loosen hex. nut and thread lift rod in or out to make both sides lift simultaneously.



*Adjusting Lift Pipe*

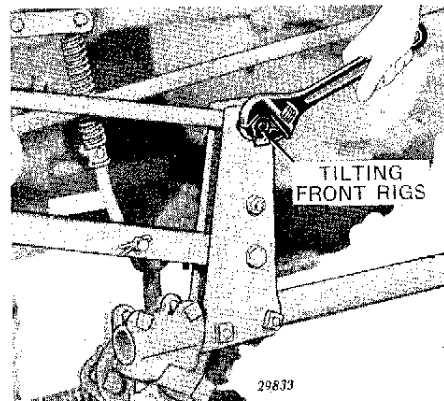
**LEVELING FRONT RIGS**

*Leveling Front Rig*

Each front rig lifting rod has a collar and set screw adjustment so all rigs will operate at the same level.

### TILTING FRONT RIGS

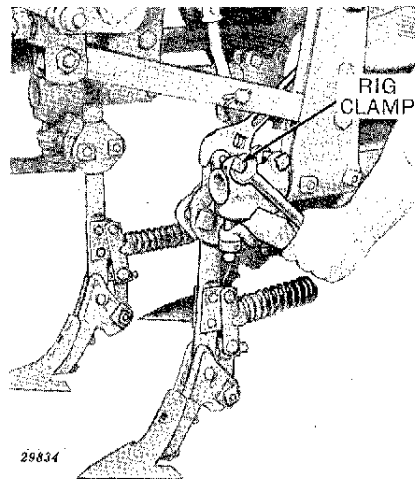
Tilt the rigs up or down as shown, so all rigs will operate at the same level.



*Tilting Front Rigs*

### ADJUSTING RIG CLAMP

Loosen bolts which hold clamp to rig pipe and turn crossarm on pipe to level sweep with the ground.



*Adjusting Rig Clamp*

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