

T21 TWO-ROW T41 FOUR-ROW ROW-CROP CULTIVATORS



OPERATORS MANUAL **T21 TWO-ROW T41 FOUR-ROW** **ROW-CROP CULTIVATORS**

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TO THE PURCHASER



This manual contains valuable information about your new John Deere Row-Crop Cultivator. It has been carefully prepared and illustrated. In it, you will find instructions and helpful suggestions for operating, adjusting, attaching, transporting, lubricating, and servicing your new cultivator. You will also find instructions for adapting your cultivator to work properly in all types of field cultivation.

Your new cultivator was built to rigid manufacturing standards. Material and workmanship are the best.

Precision production methods, and accurately controlled heat-treating assure maximum strength and long life for every part.

Keep this manual in a convenient place for quick and easy reference. Study this manual carefully. You have purchased a dependable and sturdy implement, but only by proper care and operation can you expect to receive the service and long life designed and built into it.

Give your cultivator proper attention during slack periods, and by doing this it will always be ready, without delay, when you need it.

Sometime in the future, your cultivator may need new parts to replace those that are worn or broken. If so, go to your John Deere dealer. Provide him with the model number of your cultivator and the date purchased. Record this information in the space provided below, so it will be readily accessible when it is needed.

LOCATION REFERENCES

Right-hand and left-hand references are determined by standing at the rear of the cultivator and facing in the direction of travel.

John Deere T21, Two-Row and T41, Four-Row Cultivators

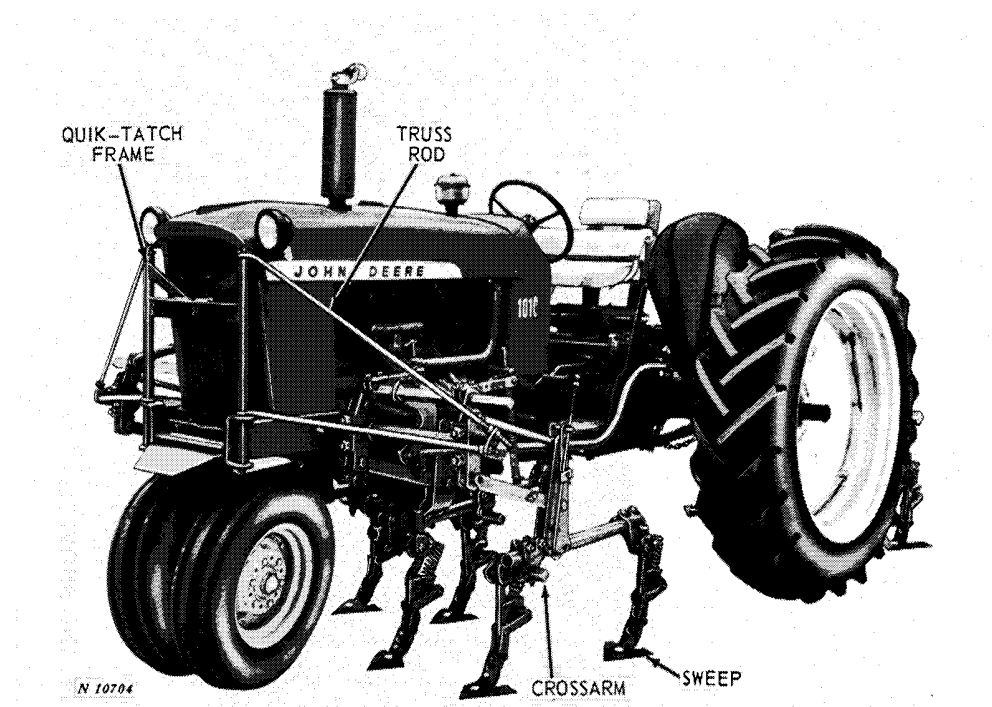
Cultivator Model

Date Purchased 19

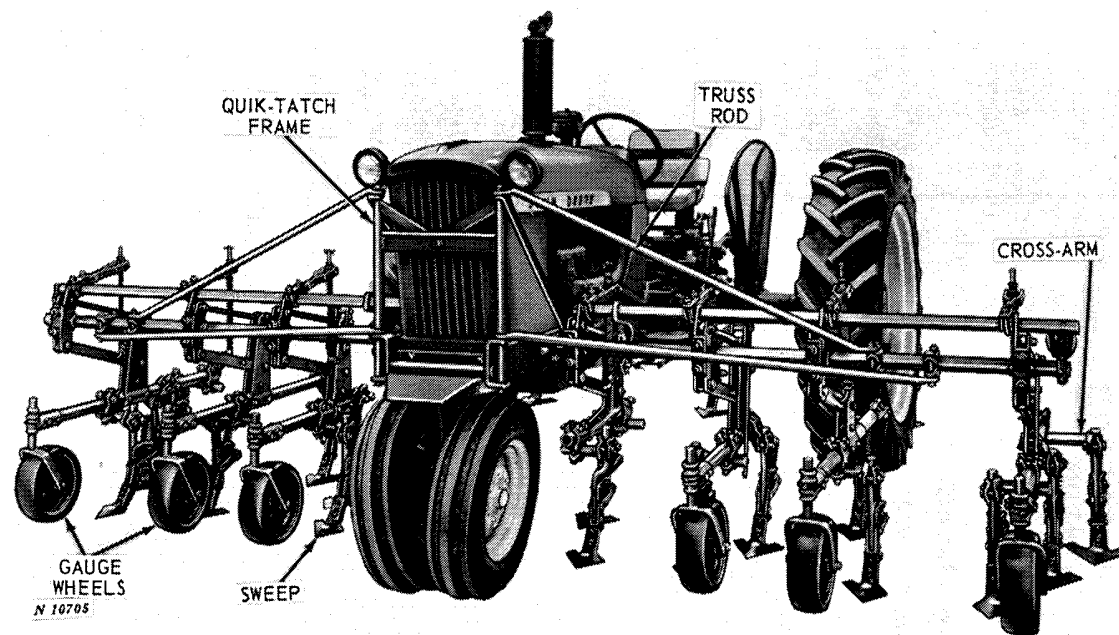
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CONTENTS

	Page
SPECIFICATIONS	4-5
OPERATION	6-25
Controls	6
Dual Hydraulic System	6
Single Hydraulic System	6
Tractor Tire Inflation	6
Leveling Front Cultivator Frames	7
T41 Cultivator	7
T21 Cultivator	7
Gauge Wheels	8
Rig Depth Stops	9
Storage Stands	9
Tilting Front Rigs	9
Height of Lift of Front Rigs	10-11
Lift Pipe	10
Adjusting Rig Lift Rods	11
Flexibility of Rigs with Gauge Wheels	12
Adjusting Down Pressure on Front Rigs	13
Setting for Deeper Cultivation	13
Rear Rig	14
Centering Brace	14
Clamps, Shanks and Crossarms	15
Height of Shanks in Clamps	15
Adjusting Tilt of Sweeps	16
Adjusting Spring-Trip	17
Safety Suggestions	18
Maintenance Suggestions	19
Storage Suggestions	19
Front Rig Row Spacing	20-25
Setting Rig Hangers and Crossarm Clamps	20
T21 Cultivator Row Spacing	20-22
T41 Cultivator Row Spacing	23-25
SPECIAL EQUIPMENT	26-33
SWEEPS AND SHOVELS	34-35
LUBRICATION	36
DETACHING CULTIVATOR FROM TRACTOR	37-38
ATTACHING CULTIVATOR TO TRACTOR	39-42



John Deere T21 Cultivator on 1010 Row-Crop Tractor



John Deere T41 Cultivator on 1010 Row-Crop Tractor

SPECIFICATIONS

TRACTOR

John Deere 1010 Row-Crop Tractor with Single or Dual Front Wheels. Tractor cannot be equipped with rear tail pipe and muffler. 3-point hitch is required for rear rig.

ROW SPACING

T21 — Two 28- to 42-inch rows (Set 40 inches at factory)

T41 — Four 36- to 42-inch rows (Set 40 inches at factory)

CULTIVATOR WEIGHT

T21 — 780 pounds (approximately)

T41 — 1560 pounds (approximately)

FRONT RIG EQUIPMENT

T21 CULTIVATOR

Eight Regular Spring-Trip Shanks with Universal Sweeps.

Eight Quick-Adjustable Spring-Trip Shanks with Universal Sweeps.

Eight Friction-Trip Shanks with Universal Sweeps.

Eight Single Spring-Tooth Shanks with Y722AN Shovels.

Eight Heavy-Duty Spring-Tooth Shanks with Y786AN Shovels.

Eight Double Spring-Tooth Shanks with Y786AN Shovels.

T41 CULTIVATOR

Eighteen Single Spring-Tooth Shanks with Y722AN Shovels.

Eighteen Heavy-Duty Single Spring-Tooth Shanks with Y786AN Shovels.

Eighteen Double Spring-Tooth Shanks with Y786AN Shovels.

Eighteen Regular Spring-Trip Shanks with Universal Sweeps.

Eighteen Friction-Trip Shanks with Universal Sweeps.

Eighteen Quick-Adjustable Spring-Trip Shanks with Universal Sweeps.

SWEEPS AND SHOVELS

A Wide Variety of Types and Sizes Available.

GAUGE WHEELS (T41 ONLY)

Castering (Regular)

Rigid (Optional)

REAR RIG

Tool Bar Type for 3-Point Hitch Tractors.

REAR RIG EQUIPMENT

Three Regular Spring-Trip Shanks with N61102N Sweeps

Three Quick-Adjustable Spring-Trip Shanks with N61102N Sweeps.

Three Friction-Trip Shanks with N61102N Sweeps.

Six Single Spring-Tooth Shanks with Y722AN Shovels.

Three Double Spring-Tooth Shanks with N61102N Sweeps.

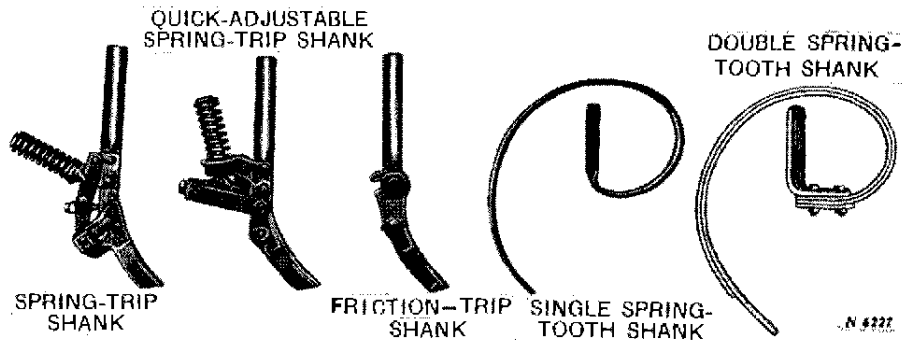
SPECIAL EQUIPMENT

No. 1 Centering Attachment
 No. 1 Knife Attachment
 No. 1 Listed Crop Attachment
 No. 3A Rotary Hoe Attachment
 No. 21 Spring-Tooth Attachment
 Spread Bar
 Disk Hillers
 Vegetable Rig Bars
 Storage Stands
 Shields — Frame Mounted, Rig Mounted and Hooded
 Rockshaft Lift Arm Extensions
 Weeding Knife Shanks

T21 CULTIVATOR ONLY

No. 3 Front Rig Attachment
 No. 3 Delayed Lift Attachment
 AB690E and AB690F Bean Harvesters
 96E Peanut Puller

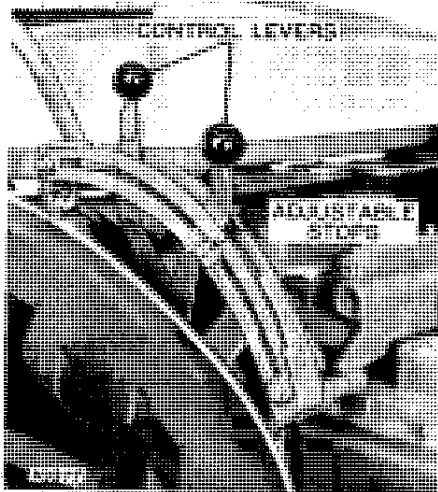
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OPERATION

CONTROLS

DUAL HYDRAULIC SYSTEM

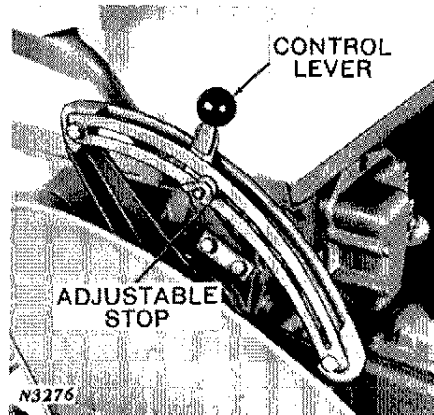


The T21 or T41 Cultivator on a John Deere 1010 Tractor with dual hydraulic system is controlled by the rockshaft control levers on the tractor.

To operate the front rigs independently of each other, set the tractor hydraulic system for independent lift arm operation. The inner lever controls the left-hand front rigs and the outer lever controls the right-hand front and rear rigs. See your tractor operator's manual.

If it is desired to have the front and rear rigs operate simultaneously, set the tractor hydraulic system for parallel lift arm operation. Use the right-hand or outer control lever to control the cultivator. See your tractor operator's manual.

SINGLE HYDRAULIC SYSTEM

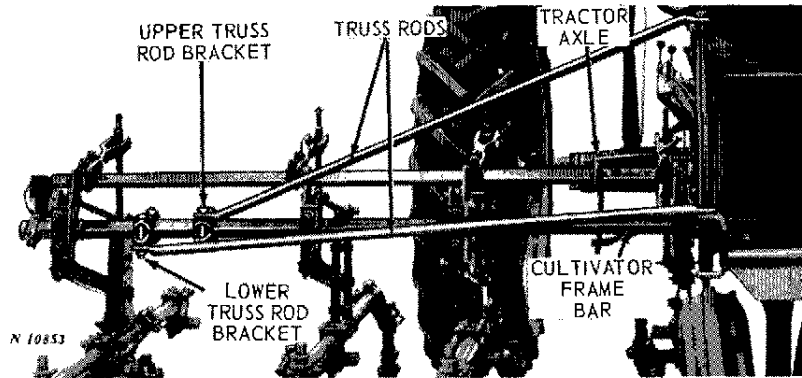


The T21 or T41 Cultivator on a John Deere 1010 Tractor with single hydraulic system, is controlled by the rockshaft control lever on the tractor. Moving the control lever rearward raises both cultivator rigs while moving the lever forward lowers the rigs. See your tractor operator's manual.

TRACTOR TIRE INFLATION

Refer to your tractor operator's manual for tractor tire inflation pressures.

LEVELING FRONT CULTIVATOR FRAMES



T41 Cultivator

To do a good job of cultivating and to simplify attaching the cultivator to the tractor, the cultivator frame bars should be level.

To check if they are level, stand in front of the tractor and sight over the cultivator frame bar and under the tractor rear axle.

from the tractor to raise the outer end of the frame. To lower the outer end of the frame, move the upper truss rod bracket toward the tractor.

Be sure to tighten all nuts on the truss rod brackets securely.

T21 CULTIVATOR

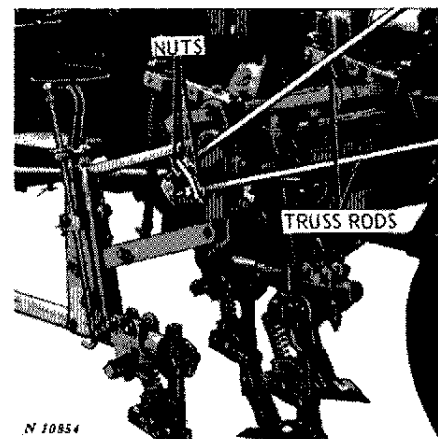
T41 CULTIVATOR

If the cultivator frame bars are not adjusted properly, loosen both truss rod brackets.

Adjust the lower truss rod bracket on the frame bar so the cultivator frame is at a right angle to the frame of the tractor.

To move the frame forward, move the lower truss rod bracket away from the tractor. To move the frame to the rear, move the lower truss rod bracket toward the tractor.

If the frames are not level, move the upper truss rod bracket away



Adjust the nuts on the truss rods until the frames are level and parallel with the rear tractor axle.

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