



# 44 Spreader



JOHN DEERE

## OPERATORS MANUAL

44 Spreader

OMC18139 G7 English

**OMC18139 G7**

LITHO IN U.S.A.  
ENGLISH



## TO THE PURCHASER

This manual contains the recommended procedures for operating, lubricating, and servicing your new John Deere 44 Spreader.

The successful operation and long life of the spreader depends on proper operation and the care given it. Make this manual your guide and do what it recommends. These instructions have been written specifically for this spreader—other spreaders may operate differently. Do not rely on advice from others not familiar with this spreader. If additional information is needed, see your John Deere dealer.

Lubrication is very important. Refer to the Lubrication Chart.

When in need of parts, see your John Deere dealer. He is equipped to provide genuine John Deere parts and service.

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

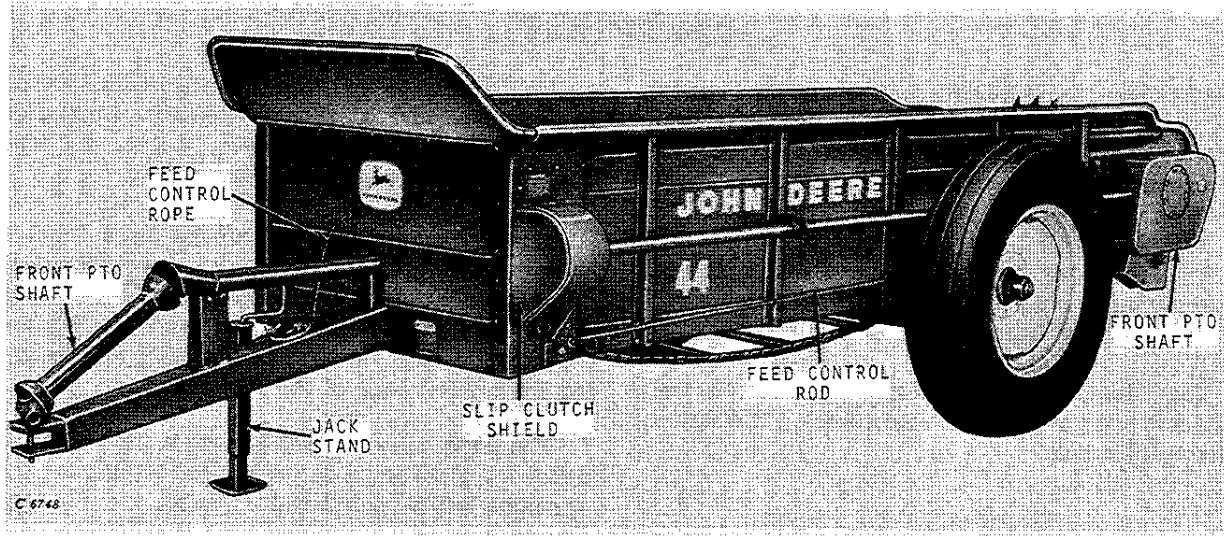
As a member of the National Safety Council, we are privileged to use the Green Cross for Safety to designate not only our interest in Safety, but to emphasize and call attention to the safety precautions in this manual.

The serial number of your new spreader is located on the front of the spreader, at the lower left-hand side. Record this number in space provided below for reference when requesting information or ordering parts.

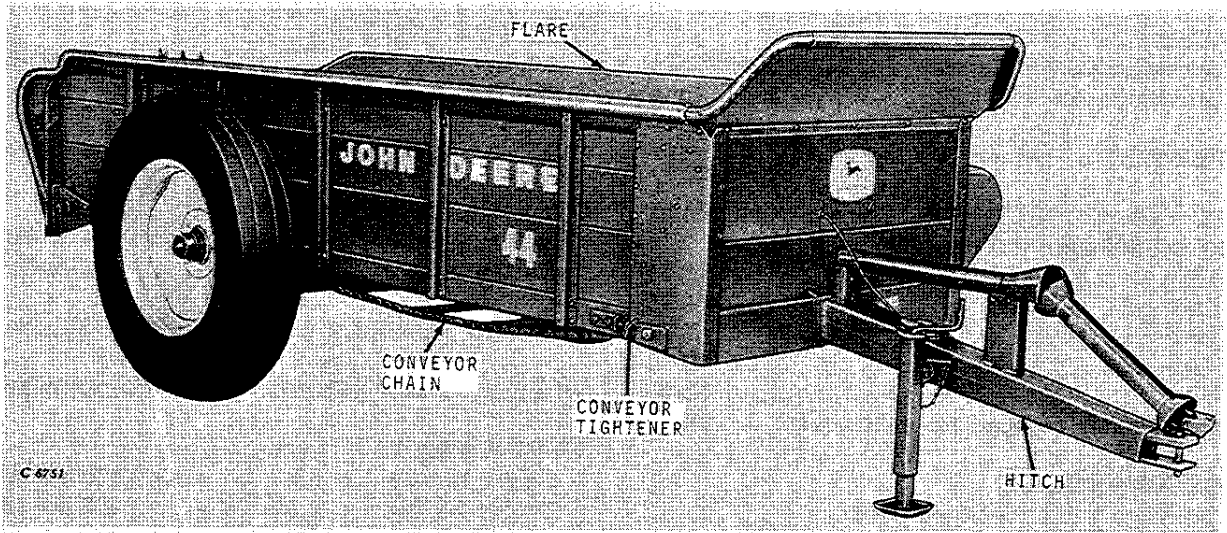
Spreader Serial No. . . . .
Date Purchased . . . . . 19...

## CONTENTS

	Page
OVER-ALL VIEWS . . . . .	1
SPECIFICATIONS . . . . .	2
DESCRIPTION . . . . .	2
OPERATION . . . . .	3-10
Preparing the Tractor . . . . .	3-4
Preparing the Spreader . . . . .	4
Tractor Control . . . . .	4
Hitching to Tractor . . . . .	4-5
Unhitching from Tractor . . . . .	5
Spreader Controls . . . . .	5
Loading Spreader . . . . .	5
Unloading Spreader . . . . .	6
Endgate . . . . .	6
Self-Unloading Wagon . . . . .	6
Arch Pipe . . . . .	7
Transporting . . . . .	7
Warning Lamp Bracket . . . . .	7
Safety Rules . . . . .	7
Adjustments . . . . .	8-10
LUBRICATION . . . . .	11
SERVICE . . . . .	12-15
OPERATING DIFFICULTIES . . . . .	16



*John Deere 44 Spreader with Single Beater*



*John Deere 44 Spreader with Single Beater*

## DESCRIPTION

The John Deere 44 Spreader is a large-capacity, low-profile spreader. It is designed and built to haul 5-1/2-ton loads over rough, frozen ground and is balanced to transport easily down the highway.

The spreader may be equipped with a single beater which will pass under most barn cleaners, or with the conventional triple beater.

The single or triple beater as well as the bed conveyor are roller-chain driven through a single gear case.

The feed conveyor has five unloading speeds, a cleanout, and a neutral position. Combined with various tractor ground speeds, a broad range of spreading rates is provided.

The spreader may be driven by a tractor equipped for 540 or 1000 rpm power take-off operation. It may be converted from 540 to 1000 rpm PTO operation by changing the drive sprocket, repositioning the rear powershaft, and changing the tractor half of the PTO shaft.

The axle may be positioned in any of three different positions to vary the weight of the spreader at the tractor hitch point.

## SPECIFICATIONS

### RATED CAPACITY:

Spreader (ASAE Rating) . . . . . 185 bushels  
Maximum net load . . . . . 5-1/2 tons

OPERATION: 540 or 1000 rpm PTO

### BED CONVEYOR SPEEDS (Feet per minute at 540 or 1000 rpm PTO speed):

1st . . . . . 2.44  
2nd . . . . . 4.88  
3rd . . . . . 7.32  
4th . . . . . 9.76  
5th . . . . . 12.20  
6th (Beater stopped for clean-out) . . . 12.20

### BOX DIMENSIONS:

Average width (between wood sides) . . . . . 51-7/16 inches  
Average width (at top of flare roll) . . . . . 57-1/4 inches  
Depth (top of flare to bed) . . . . . 26 inches  
Length . . . . . 138-1/4 inches

### OVER-ALL LENGTH:

Single beater . . . . . 227-1/2 inches  
Triple beater . . . . . 243 inches

OVER-ALL WIDTH:\* . . . . . 90-9/32 inches

### OVER-ALL HEIGHT:\*

(without arch) . . . . . 56-1/4 inches  
(with arch) . . . . . 71 inches

LOADING HEIGHT:\* . . . . . 47-1/2 inches

WHEEL TREAD WIDTH:\* . . . 77-23/32 inches

### WEIGHT EMPTY:\*

Single beater . . . . . 2275 pounds  
Triple beater . . . . . 2527 pounds

ATTACHMENTS: Endgate, arch pipe, warning lamp bracket.

*\*Spreader equipped with 11.25 x 24, 8-ply rib implement tires.*

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


## OPERATION

### PREPARING THE TRACTOR

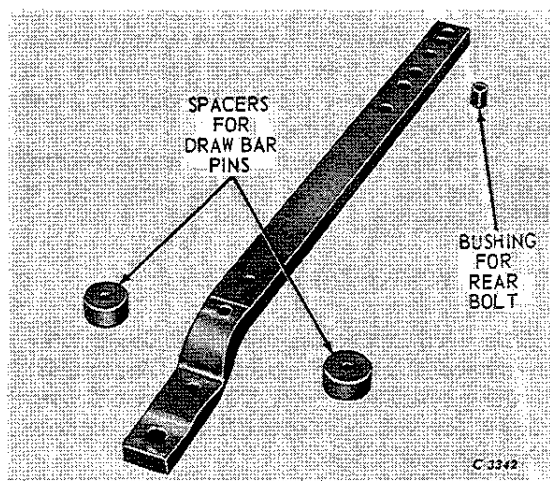
#### TRACTOR REQUIREMENTS

The John Deere 44 Spreader may be used with John Deere 2510, 3010, 3020, 4010, 4020, 5010, and 5020 Tractors. When the spreader is used with the 2510 or 3010 Tractor, the tractor **must** be equipped with a 4010 Tractor drawbar. When used with 5010 or 5020 Tractors, the 44 Spreader must be equipped with 1000 rpm PTO drive.

Other older model John Deere tractors, or tractors other than John Deere, can be used with the 44 Spreader if they have a vertical drawbar load capacity of 1500 pounds or over, or if the spreader does not exceed the load limitations of the tractor.

 Regardless of the tractor used, always transport a loaded spreader at a slow speed (10 mph or less) and be extra careful when using the spreader in hilly country.

#### DRAWBAR FOR 2510 AND 3010 TRACTORS



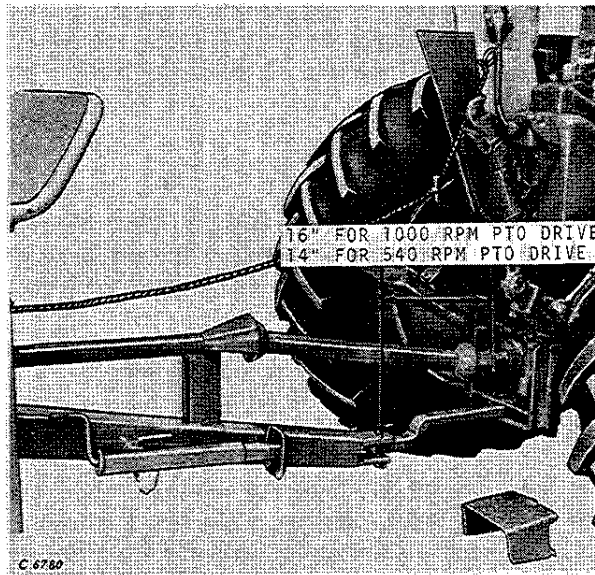
If the 4010 Tractor drawbar has not been installed on the 2510 or 3010 Tractor, attach Tractor Drawbar (AC13006C) to tractor as follows: The hitch pin hole in the drawbar must be in line with the tractor PTO shaft and must be 14 or 16 inches from the end of the shaft as shown in illustration in the right column.

Fasten front of drawbar to tractor with drawbar pin previously removed and 1-inch O.D. x 1-1/2-inch bushing over drawbar pin.

Install 2-1/2-inch O.D. x 1-1/4-inch spacers over pins at each side of drawbar to secure drawbar directly in line with tractor PTO shaft.

Replace master PTO guard on tractor if it has been removed.

#### POSITIONING DRAWBAR



Master PTO Guard Has Been Removed to Clarify Illustration

Position the tractor drawbar as shown with the offset in the drawbar down. The distance from the end of the tractor power take-off to the drawbar hitch pin hole must be 14 inches for 540 rpm PTO operation or 16 inches for 1000 rpm PTO operation. The hitch pin hole in the drawbar also must be directly in line with the axis of the rear tractor PTO shaft.

**CAUTION:** Do not attempt to operate the spreader-tractor combination unless the PTO operating speed of the spreader and tractor are the same.

*NOTE: The 5010 and 5020 Tractors are equipped with 1000 rpm PTO drive only. Be sure the spreader is equipped for 1000 rpm PTO operation when used with these tractors.*

Do not transport the spreader unless the hitch pin is in place and secured with the spring locking pin.

#### FRONT END WEIGHTING

Provide sufficient weighting to stabilize tractor when operating on hilly land or other adverse conditions. See your tractor operator's manual for front end weighting information.

## 4 Operation

### PREPARING THE TRACTOR—Continued

#### REAR WHEEL SPACING AND WEIGHTING

Adjust wheel spacing, for maximum stability, as shown in tractor operator's manual.

Add rear wheel weights or liquid ballast to the tractor as recommended in the tractor operator's manual.

#### TIRE INFLATION

Check front and rear tires on the tractor to be sure they have been inflated according to the recommendations in the tractor operator's manual.

### PREPARING THE SPREADER

#### POSITIONING AXLE

Because of the varying operating and load conditions, three axle positions are available on the spreader. Moving the axle forward will decrease the spreader weight at the hitch point, moving the axle to the rear will increase the weight.

The instructions for positioning the axle are contained in the "Adjusting" section of this manual on page 9.

#### TIRE INFLATION

The tire sizes listed below are the only sizes recommended for use with the 44 Spreader. Check to be sure tires are inflated according to the chart below.

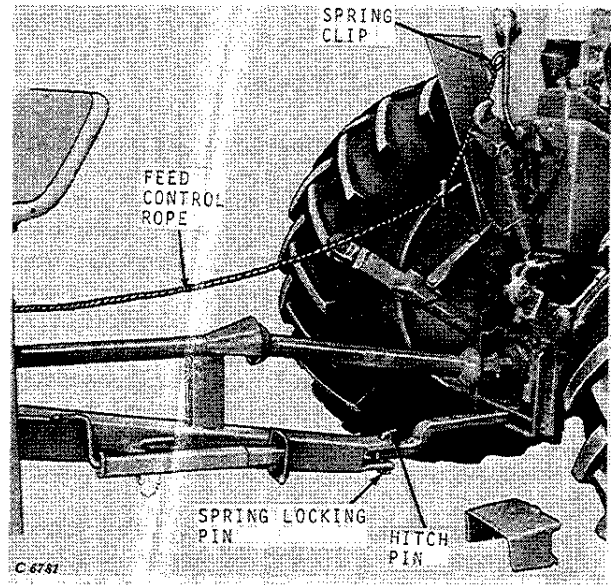
Tire Size	Inflation Pressure
11.25 x 24 - 8-ply rib implement tire (New)	28 lbs.
*10 x 20 (Used)	65 lbs.
*11 x 20 (Used)	55 lbs.
*12 x 20 (Used)	50 lbs.

*\*Assuming used truck or bus tires have sound bodies.*

#### TRACTOR CONTROL

The spreader is operated by the tractor power take-off. For information concerning proper power take-off operation, see your tractor operator's manual.

### HITCHING TO TRACTOR



Use the crank on the jack stand to raise or lower the spreader hitch into position to engage the tractor drawbar. The drawbar must be inserted between the upper and lower parts of the hitch clevis. Back the tractor into position and insert the hitch pin through the upper clevis, drawbar, and lower clevis. Secure the hitch pin with the spring locking pin.



**Do not transport the spreader unless the spring locking pin is installed in the hitch pin.**

#### CONNECTING POWERSHAFT

The PTO operating speed of the tractor and the spreader must be the same. The tractor half of the powershaft will be equipped with six splines for 540 rpm operation or 21 splines for 1000 rpm operation.

**CAUTION:** Never hook up a spreader equipped for 540 rpm operation to a 1000 rpm tractor PTO.

After making the connection, and with the tractor engine shut off, check to be sure the powershaft spinner shields are free to operate. Hardening of the paint may cause the shields to be frozen on the shaft temporarily.

#### CONTROL ROPES

Attach the spring clip for the feed control rope to the rear of the tractor, at a location within easy reach of the operator. The spring clip will release the control rope if the operator should forget to disconnect it.

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](mailto:ebooklibonline@outlook.com)