

# JOHN DEERE 990 SINGLE-BAR SUBSOILER BEDDER



## OPERATORS MANUAL JOHN DEERE 990 SINGLE-BAR SUBSOILER BEDDER

OMA33800 J6 English

**OMA33800 J6**


LITHO IN THE U.S.A.  
ENGLISH





## To the Purchaser

This new Subsoiler Bedder was carefully designed and manufactured to give years of dependable service. To keep it operating efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need. Read "Contents" to learn where each section is located.

 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.

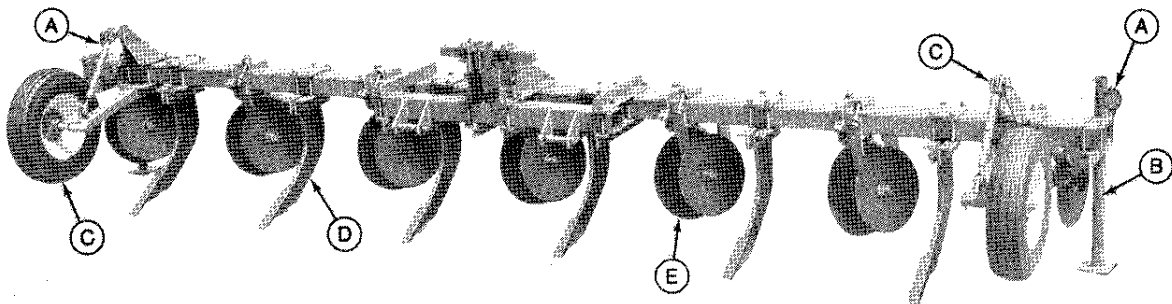
Because John Deere sells its products worldwide, U.S. units of measure are shown with their respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

In addition to the equipment furnished with your Subsoiler Bedder, attachments are available to help you do a better job in special conditions. These are described in the attachment 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 Subsoiler Bedder will travel when in use.

Record the size of your subsoiler bedder in the space provided on page 27. Your dealer needs this information to give you prompt, efficient service when you order parts. If your subsoiler bedder requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

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



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**A - Reflector**  
**B - Parking Stand**

**C - Gauge Wheel**

**D - Curved Subsoiler Standard**  
**E - Disk**

*John Deere 6 Row - 990 Subsoiler Bedder  
Single Bar with Staggered Disks  
(Gauge Wheel and Support Stand-Attachments)*



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# Safety Suggestions

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## GENERAL

 The safety of the operator was one of the prime considerations in the minds of John Deere engineers when this subsoiler bedder was designed.

You can make your farm a safer place to live and work if you observe the safety suggestions given. Study these suggestions carefully and insist that they be followed by those working with you and for you.

Remember! An accident is usually caused by someone's carelessness, neglect, or oversight.

## TRANSPORTING

While transporting the subsoiler bedder on a public road, follow safety instructions outlined under "Transporting," on page 9.

Use care when transporting across rough ground.

For tractor stability and operator safety, tractor front end weights are required. See pages 4 and 5 under "Front Ballast and Lift Capacity."

The subsoiler bedder should be transported at a maximum speed of 10 mph (16 km/h). **DO NOT EXCEED.** Faster speed may result in loss of tractor control if an outer standard contacted the ground due to uneven ground contour.

Never travel at any speed which does not permit adequate control of steering and stopping.

When transporting the subsoiler bedder on a road or highway at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. In this regard, check local governmental regulations for proper use. Various safety lights and devices are available from your John Deere dealer.

## OPERATION

When backing the tractor to attach to subsoiler bedder, be sure no one is standing between the tractor and subsoiler bedder or directly behind the subsoiler bedder.

To avoid injury, always be careful when operating the tractor and subsoiler bedder.

Never permit any person other than the operator on the tractor.

Never ride or permit others to ride on the subsoiler bedder.

When the subsoiler bedder is in a raised position, be sure rockshaft lever is not bumped or touched by anyone.

Always lower the subsoiler bedder to the ground when not in use.

If subsoiler bedder is equipped with support stand(s), lower the support stand(s) to help support the subsoiler bedder before unhitching from the tractor.

## SERVICE

Do not oil or adjust the subsoiler bedder while it is in motion.

If spray can paint is used for protecting the standards, points, disks, and lister bottoms prior to placing in storage, be careful when discarding empty can. Do not incinerate or puncture can.



# Preparing for Use

## GENERAL

The John Deere 990 Single-Bar Subsoiler Bedder is designed to perform both subsoiling and bedding in one operation. Beds are formed directly over the subsoiled opening. This permits better root growth and water penetration while laying up beds for future planting.

### IMPORTANCE OF PROPER ADJUSTMENT

Your new subsoiler bedder is adjustable and when properly adjusted to meet the field conditions on your farm, will do a good job at a minimum of expense.

Length of life and maximum operating efficiency depend largely on good care and proper adjustments.

Improper adjustment results in rapid wear, possible breakage of parts, and inefficient operation.

## PREPARING THE SUBSOILER BEDDER

### Bottoms and Disks

The polished surfaces of the bottoms and disks have been painted with protective black paint.

In most cases it is not necessary to remove the black paint as it will wear off quickly upon contact with the soil. In those soils where the black paint will not wear off, remove with diesel fuel.

## Tire Inflation

Check gauge wheel tires for correct tire inflation.

7.60-15 6-ply rating — 36 psi (2.5 bar) (2.5 kg/cm<sup>2</sup>).

## Bolts and Set Screws

Before using a new subsoiler bedder or one which has been stored, check to see that all bolts and set screws are tight and all cotter pins spread to keep them from falling out.

Check for loose bolts, screws, or parts before attaching to the tractor. Loose bolts are easily lost or cause excessive wear on parts, resulting in possible serious damage. See page 18 for proper torque specifications.

## PREPARING THE TRACTOR

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

## Tire Inflation

Inflate the tractor tires as recommended in the tractor operator's manual. Be certain total tractor-subsoiler bedder load does not exceed tire carrying capacity.

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