

JOHN DEERE 990 DOUBLE FLEXIBLE BAR SUBSOILER BEDDER



OPERATORS MANUAL JOHN DEERE 990 DOUBLE FLEXIBLE BAR SUBSOILER BEDDER

OMA33634 J6 English

JOHN DEERE DES MOINES WORKS
OMA33634 J6


LITHO IN THE U.S.A. (REVISED)
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.

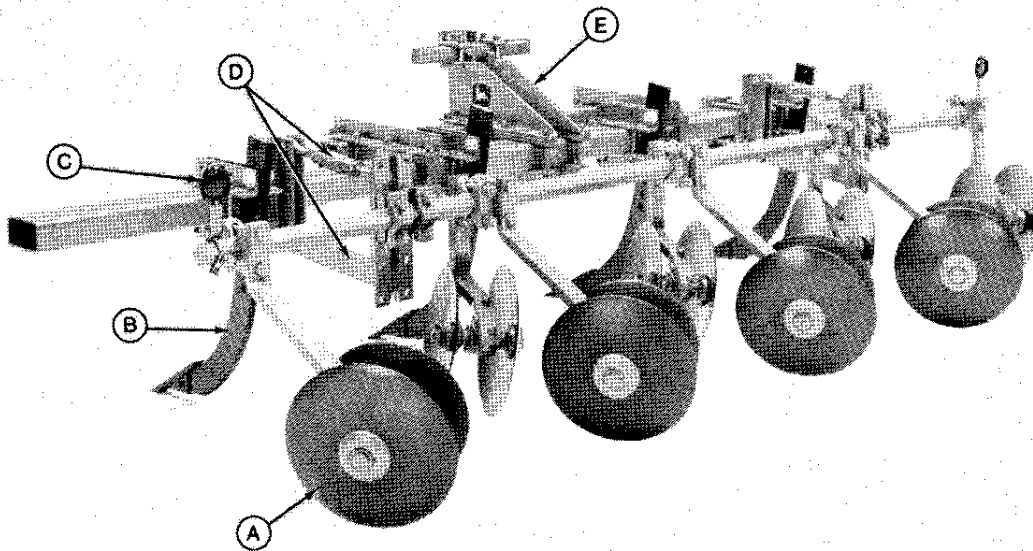
Because John Deere sells its products world-wide, U.S. units of measure are shown with their respective Metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.

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 34. 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.



A15320

A—Disk Gangs
B—Curved Adjustable Chisel Standard

C—Reflector
D—Adjustable Flexible Bar Spacer
E—Mast

*John Deere 990 Double Flexible Bar Subsoiler Bedder
4-Row with Staggered Disk Gangs*



Contents

Page	
2	Safety Suggestions
3-6	Preparing for Use
7-9	Attaching and Detaching
10	Transporting
11-16	Operating Adjustments
17-19	Attachments
20-21	Service
22-32	Assembly
33-34	Specifications
35	Index



Safety Suggestions

GENERAL

2

! 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 Information."

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

To avoid injury, always be careful while operating a 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 the rockshaft lever is not bumped or touched by anyone.

Be sure to place the flexible spacers in the locking position when detaching the subsoiler bedder from the tractor. See pages 13-14.

Lower support stands (if equipped) before detaching from the tractor.

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

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 Double Flexible 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/cm²)

5.90-15, 4-ply-rating - 32 psi (2.2 bar) (2.2 kg/cm²)

3-6

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 19 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.

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