

# 1, 2, 3, AND 4-ROW ROW-CROPS



JOHN DEERE

## OPERATORS MANUAL

### 1, 2, 3, AND 4-ROW ROW-CROPS

OME73455 H4 English

JOHN DEERE OTTUMWA WORKS

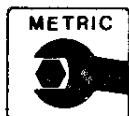
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ENGLISH



# Introduction

**⚠** 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.



**The Four-Row Row-Crop is primarily of metric design.**

Some specifications cannot be converted, these appear in metric only.

Most Four-Row Row-Crop hardware is metric. Specified metric hardware must be used for replacement.

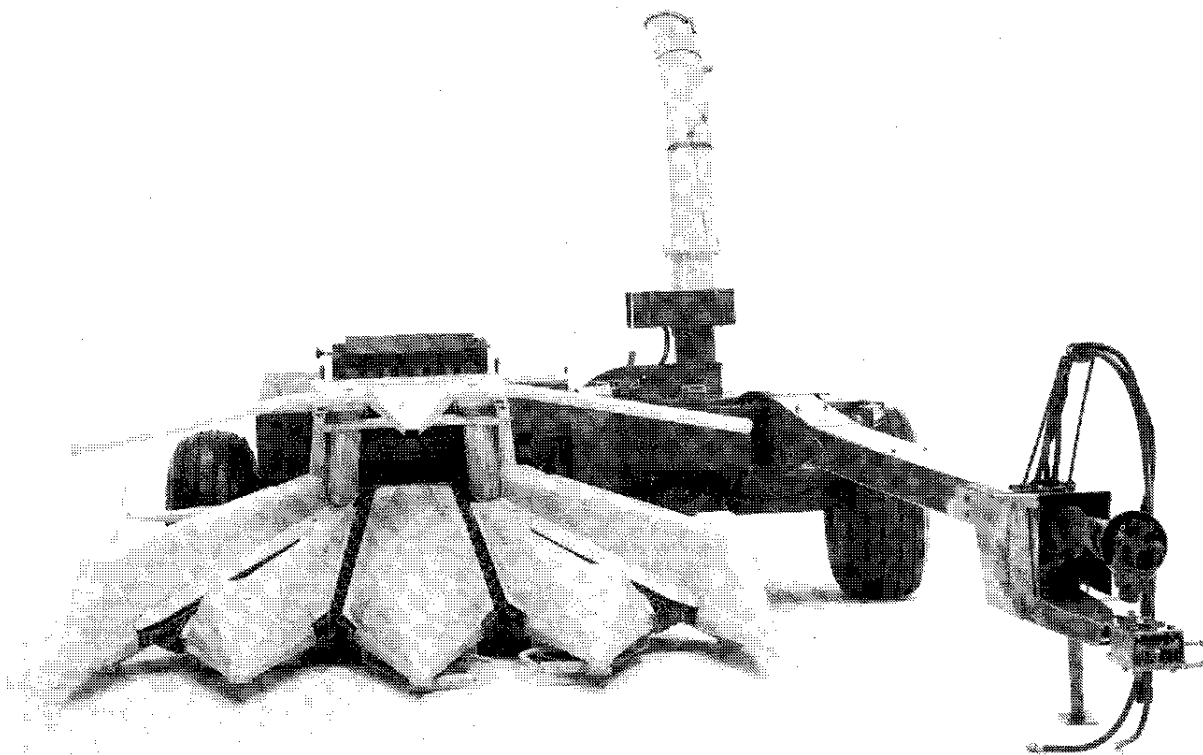
**⚠ CAUTION: Use only metric tools. Other tools may not fit properly. They may slip and cause injury.**

The One, Two and Three-Row Row-Crop is primarily of English design.

“Right-hand” and “left-hand” sides are determined by facing in the direction the row-crop will travel when in use.

Your warranty appears on your copy of the purchase order copy which you should have received from your dealer.

Record your row-crop model and serial numbers on page 77.



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# Row-Crops

## PREDELIVERY CHECK LIST

After the row-crop has been completely assembled and lubricated, inspect it thoroughly to be certain it is in good running order before delivering it to the customer. The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment has been made. Consult the row-crop operator's manual for proper adjustments.

- All shields open and close freely.
- Row-crop has been properly assembled.
- (Three-Row) Multi-luber hoses and connections have been checked for leaks.
- (Four-Row) Grease hoses and connections have been checked for leaks.
- Nuts on all bolts have been tightened.
- All grease fittings have been lubricated.
- (Four-Row) Gear case has been properly filled. (See Lubrication and Maintenance)
- Knife assemblies adjusted properly. (See Service Section)
- Gatherer points have been adjusted. (See Assembly Section)
- Shipping brackets removed.
- Slip clutch has been checked for proper adjustment. (See Service Section)
- All moving parts are working freely.
- Gatherer chains have been adjusted properly. (See Service Section)
- (One, Two or Three-Row) Proper axle extensions are installed. (See Attachment Section)
- Row-crop has been cleaned and touched up wherever paint is nicked or scratched.
- Mounting brackets have not been bent in transit.
- (Four-Row) Upper crop divider has been adjusted to normal operating position (See Service Section)
- This row-crop has been tested and, to the best of my knowledge, is ready for delivery to the customer.

\_\_\_\_\_  
(Date Set Up)

\_\_\_\_\_  
(Signature)

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## OWNER REGISTER

Name . . . . .  
Rural Route No. . . . .  
City . . . . . State . . . . . Zip  
Serial No. . . . .  
Operator's Manual No. OM-E73455 . . . . .  
Date Sold . . . . .

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## DELIVERY CHECK LIST

Items in the Delivery Check list should be performed when delivering the row-crop to the customer. Customer satisfaction will be further insured if the items in the "After Sales Check List" are performed as listed.

- Discuss proper harvesting management practices required for good silage.
- Give operator's manual to customer and fully explain all operating adjustments.
- Advise the customer of the proper weights and fluids that must be used in the tires, depending upon forage harvester.
- Advise the customer of the importance of regular lubrication at scheduled intervals and point out all lubrication points.
- Advise the customer of safety precautions that must be observed while using the row-crop.
- Invite the customer to come in and discuss any problems that may be encountered while operating the row-crop.
- Advise the customer to record the serial number.

\_\_\_\_\_  
(Date Delivered)

\_\_\_\_\_  
(Signature)

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## AFTER-SALE CHECK LIST

It is suggested that the following items be checked sometime during the first season's operation.

- Go over entire machine for loose or missing nuts and bolts.
- Inspect the knives to be sure they are sharp, have proper clearance, and register is properly adjusted.
- All chains are properly adjusted.
- All safety shields are in place and fastened securely.
- Check for broken or damaged parts.
- If possible, run the row-crop to see if it is functioning properly.
- Check for worn gatherer chains and guides.
- Check with the customer as to the performance of the row-crop thus far. Make sure the customer understands the best methods of row-crop operation.
- Review the entire operator's manual with the customer and **stress the importance of proper and regular lubrication and safety precautions.**

\_\_\_\_\_  
(Date Checked)

\_\_\_\_\_  
(Signature)

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# Safety

## OBSERVE SAFETY SIGNS AND MESSAGES



**CAUTION:** This message is used for general reminders of good safety practices or to direct attention to unsafe practices. This message will appear in your operator's manual and/or the sign will appear on the machine with the color combination of yellow and black.

**IMPORTANT:** This message denotes a specific potential hazard. The sign will be displayed on the machine in areas of potential hazard. The sign will have the color combination of yellow and black.

**DANGER:** This message denotes the most serious specific potential hazard. The sign will be displayed on the machine in areas of potential hazard. The sign will have the color combination of red and white.



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## OBSERVE "IMPORTANT" MESSAGES

Messages labeled "Important" will appear in your operator's manual and/or on the machine to provide specific instructions for performing adjustments, services, etc. If these instructions are not followed, it could result in damage to the machine.

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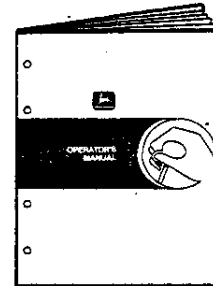
## DO NOT MODIFY MACHINE

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

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### BEFORE OPERATING

1. Read operator's manual, machine decals, and SAFETY section of this manual.
2. Remove foreign objects from machine.
3. All shields must be in place and secure.
4. Become familiar with all controls affecting machine functions.



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### PROTECT AGAINST NOISE

Prolonged exposure to loud noise can cause impairment or loss of hearing. Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noise.

A—Earmuffs  
B—Earplugs

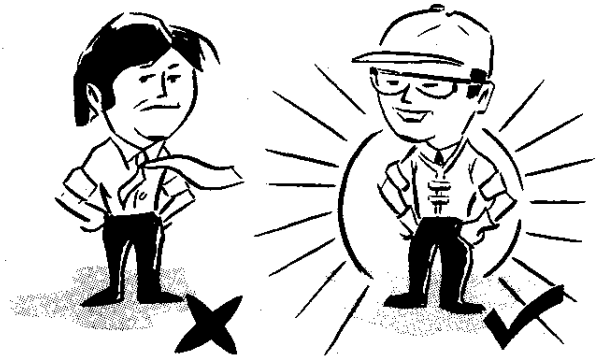


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### OPERATE SAFELY

Keep all shields in place when operating machine. Wear relatively tight and belted clothing to prevent catching on some machine parts. Never clean, lubricate or adjust row-crop when it is running. Stand clear of gatherer chains and oscillating knives. DO NOT hand feed material into row-crop.

Always operate machine at rated speed. Drive slowly over rough ground.



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## Safety

To avoid injury or death by being pulled into the machine:

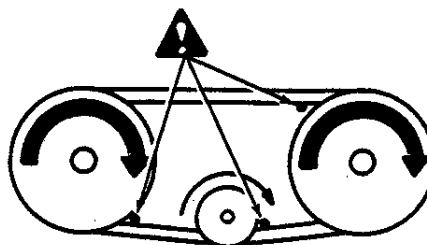
1. Disengage drives and shut off engine before attempting to unplug the harvesting unit or machine. The feed rolls can feed crop material faster than you can release your grip on the material.
2. Never use your hands or feet to feed crop into the forage harvester, with or without a harvesting unit.
3. This harvesting unit is intended for mobile field operation only. Never use or modify machine to be used in a stationary operation.

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## AVOID CONTACT WITH MOVING PARTS

Keep hands, feet and clothing away from power-driven parts.

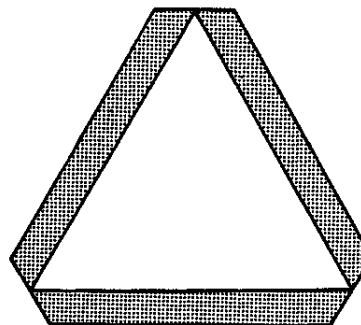
Never clean, lubricate or adjust the machine when it is running.



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## DRIVING ON PUBLIC ROADS

When transporting the row-crop, raise the unit to the highest position to prevent damage. When transporting the equipment 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. Various safety devices are available from your John Deere dealer.



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## GOVERNMENTAL REGULATIONS

In some areas, additional equipment may be needed when operating your row-crop on public roads. See your John Deere dealer for these requirements.

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## SERVICE ROW-CROPS SAFELY

Before servicing, adjusting or removing material from the row-crops:

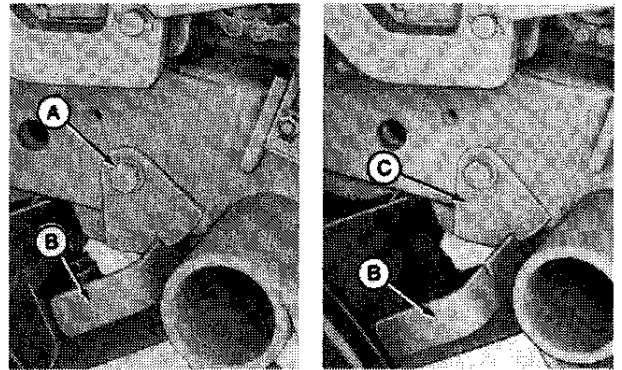
1. Disengage all power.
2. Shut off engine.
3. THEN WAIT until all moving parts have stopped moving.

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Always place lift cylinder stop in locked (A) position when transporting machine or working under the machine.

Before operating machine, be sure lift cylinder stop is in the unlocked (C) position. Raise harvesting unit to extreme upper position before moving handle (B) to unlocked position.

When machine is unattended or not in use, ALWAYS lower the harvesting unit to the ground or engage lift cylinder stop.



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On machines with ROW-TRAK™ Guidance, avoid being knocked down or crushed by unexpected movement of machine.

Be sure ELECTRICAL POWER is OFF before servicing or unplugging.

If a stalk, leg, hand or other objects contact the ROW-TRAK sensor when power is on, the machine will move.

Be especially careful in the area between the row-crop and tongue.

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