

**1760 Wing-Fold  
Drawn Conservation Planter  
8-Row Narrow, 8-Row Wide  
and 12-Row Narrow**

**John Deere Harvester Works  
OMA54964 Issue H5  
(This manual replaces OMA54141 L4)**

LITHO IN U.S.A.  
ENGLISH

# Introduction

**READ THIS MANUAL** carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)

**THIS MANUAL SHOULD BE CONSIDERED** a permanent part of your machine and should remain with the machine when you sell it.

**MEASUREMENTS** in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

**RIGHT-HAND AND LEFT-HAND** sides are determined by facing in the direction of forward travel.

**WRITE PRODUCT IDENTIFICATION NUMBERS** (P.I.N.) in the Specification or Identification Numbers Section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer

also needs these numbers when you order parts. File the identification numbers in a secure place off the machine.

**WARRANTY** is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

**THE TIRE MANUFACTURER'S** warranty supplied with your machine may not apply outside the U.S.

# Identification Views



1760 12-Row Narrow Wing-Fold Planter

A35749 -UN-13SEP94

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*Identification Views*

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OMA54964 H5-19-27JUL95

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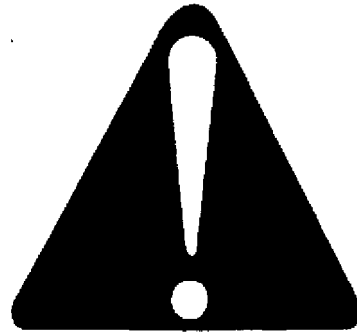
*Contents*

# Safety

## RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



DX,ALERT -19-03MAR93

T81389 -UN-07DEC68

## UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-03MAR93

TS187 -19-30SEP88

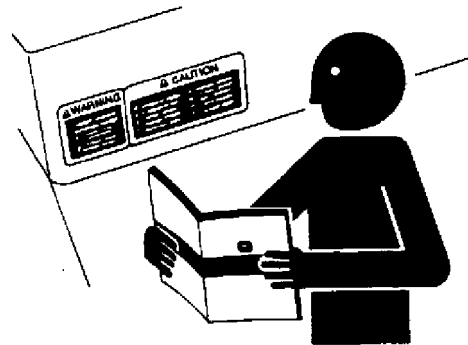
## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-03MAR93

TS201 -UN-23AUG88

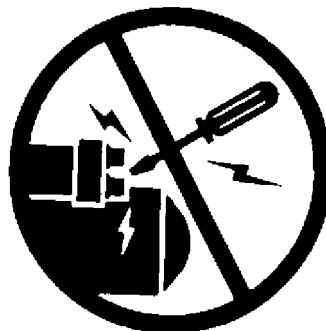


## PREVENT MACHINE RUNAWAY

Avoid possible injury or death from machinery runaway.

Do not start engine by shorting across starter terminals. Machine will start in gear if normal circuitry is bypassed.

NEVER start engine while standing on ground. Start engine only from operator's seat, with transmission in neutral or park.



DX,BYPAS1 -19-03MAR93

TS177 -UN-11JAN89

## OPERATE THE PLANTER SAFELY

Be careful when operating planter to avoid injury.

If the planter must be in a raised position while working on or near it, be certain service locks are installed.

Serious injury or death can result from contact with electric lines. Use care when moving or operating this machine near electric lines to avoid contact.

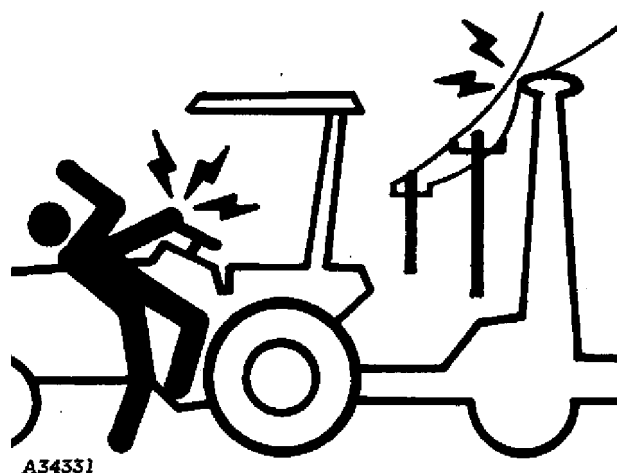
Stand clear of machine when wings are being folded or unfolded. Mechanical or hydraulic failure can allow wings to move rapidly.

Be sure cylinder and attaching hoses are fully charged with oil before operating system.

Be careful when operating system on hillsides; tractor can tip sideways if it strikes a hole, ditch or other irregularity.

Permit only one person, the operator, on tractor platform while tractor and planter are in operation.

Lower planter completely to the ground before unhitching from the tractor. Be sure planter is on a level and firm surface.



A34331 -UN-13OCT88

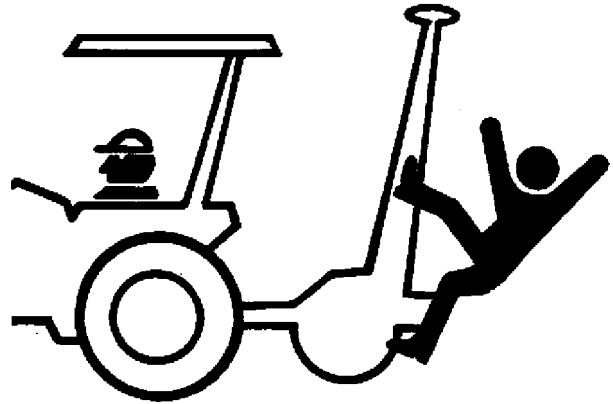
720016ROM,SA.A -19-24SEP92



## KEEP RIDERS OFF MACHINE

Allow only the operator on the machine. Keep riders off.

Riders on machine are subject to injury, such as being struck by foreign objects and being thrown off the machine. Riders also obstruct the operator's view, resulting in the machine being operated in an unsafe manner.



A34332

-UN-13OCT88  
A34332

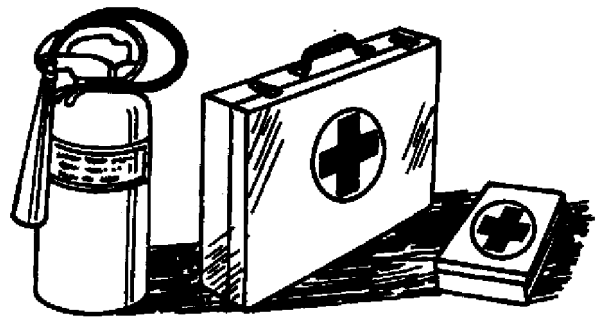
17600M,WF,SA,B -19-14NOV94

## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



-UN-23AUG88  
TS291

DX,FIRE2 -19-03MAR93

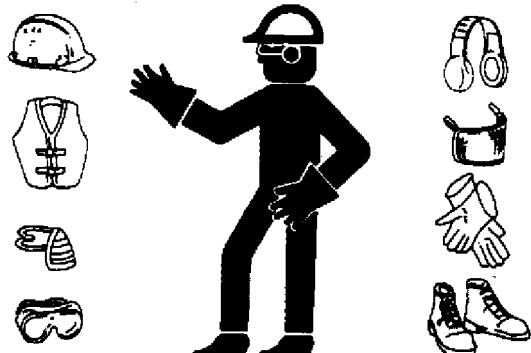
## WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



-UN-23AUG88  
TS206

DX,WEAR -19-10SEP90



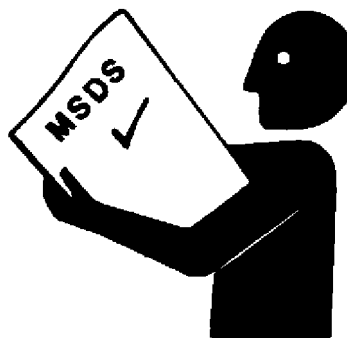
## HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)

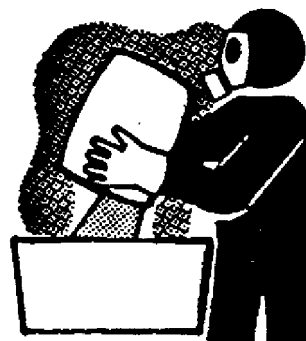


DX,MSDS,NA -19-03MAR93

TS1132 -UN-26NOV90

## HANDLE CHEMICALS PROPERLY

Agricultural chemicals can be dangerous. Improper selection or use can injure persons and animals. BE SAFE; handle and apply with care. Follow instructions of the chemical manufacturer.



A34471

720016ROM,SA,B -19-24SEP92

A34471 -UN-11OCT88



## INSECTICIDE AND/OR HERBICIDE HOPPERS LID FILL CLOSED HANDLING SYSTEM

**!** **CAUTION:** Chemicals may cause eye, skin, or breathing problems. Wear long sleeve shirt, gloves and goggles. Refer to and follow safety instruction on the chemical supplier's label.

Chemical residue should be placed in the original or accepted container and disposed of in an approved manner. Follow instruction of the chemical manufacturers for disposal methods.

If hoppers are not washed, chemically treated dust may be on the hopper walls, resulting in exposure.

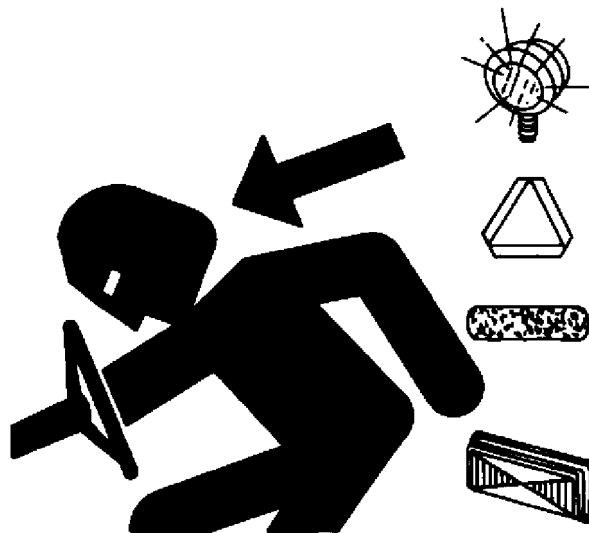
GENOM,CHEM,SA,A-19-20MAY93

## USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Whenever driving on public roads, use flashing warning lights and turn signal according to local regulation. To increase visibility, use the lights and devices provided with your machine. For some equipment, install extra flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items. An implement safety lighting kit is available from your John Deere dealer.



TS951  
-UN-12APR90

DX,FLASH -19-15MAR93



## TRANSPORT SAFELY

Install marker lockup straps to prevent injury from lowered marker.

The maximum transport speed for this planter is 20 mph (32 km/h). **DO NOT EXCEED**. Never travel at any speed which does not permit adequate control of steering and stopping.

Reduce speed over rough ground.



720016ROM,SA,C -19-24SEP92

-UN-13OCT88

A34333

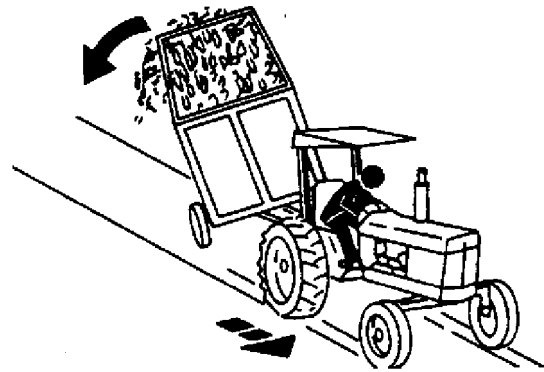
## TOW LOADS SAFELY

Towed loads with or without brakes that are too heavy for the tractor or are towed too fast can cause loss of control. Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines.

For tractors towing loads more than 1.5 t (3300 lb):

- If towed equipment does not have brakes, do not travel more than 32 km/h (20 mph) and do not tow loads more than 1.5 times the tractor weight. Ensure the load does not exceed 1.5 times the tractor weight by adding ballast to tractor, lightening the load, or getting a heavier towing unit.
- If towed equipment has brakes, do not travel more than 40 km/h (25 mph) and do not tow loads more than 4.5 times the tractor weight.

Consider the total weight of the equipment and its load.



DX,TOW -19-27JUL95

-UN-23AUG88

TS216



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## PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate, service, or adjust machine while it is moving. Keep hands, feet, and clothing from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

Disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.



DX,SERV -19-03MAR93

TS218 -UN-23AUG88

## REMOVE PAINT BEFORE WELDING OR HEATING

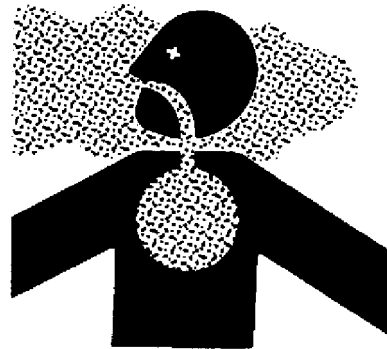
Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



DX,PAINT -19-03MAR93

TS220 -UN-23AUG88



## AVOID HEATING NEAR PRESSURIZED FLUID LINES

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials. Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area.



DX,TORCH -19-03MAR93

TS953 -UN-15MAY90

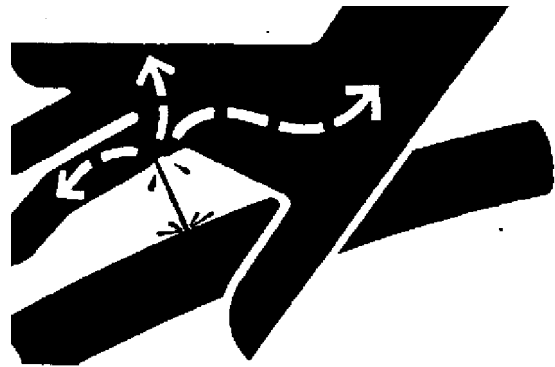
## AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.



DX,FLUID -19-03MAR93

X9811 -UN-23AUG88

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