

320 Hooded Sprayer

John Deere Des Moines Works
OMN200532 Issue B8
(This manual replaces OMN200532 K6)

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 the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification 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 applicable to your machine may not apply outside the U.S.



-UN-02DEC97

N47900

NX,OM320,IFC -19-03DEC97

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OMN200532 B8-19-16DEC97

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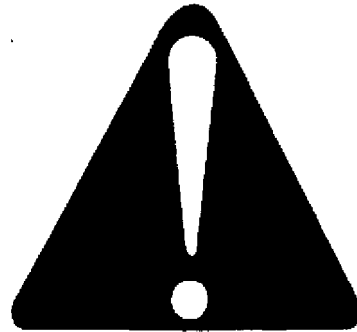
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Safety

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

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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

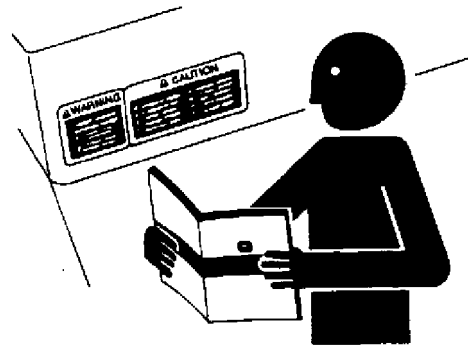
FOLLOW SAFETY INSTRUCTIONS

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



OPERATE MACHINE SAFELY

Clear area around machine before raising or lowering machine or wings.

Stop tractor on level ground when raising or lowering wings.

Operate the machine from the tractor seat only.

Do not operate with wings in the transport position.

Do not operate close to a ditch or creek.

Slow down when turning.

Drive slowly over rough ground.

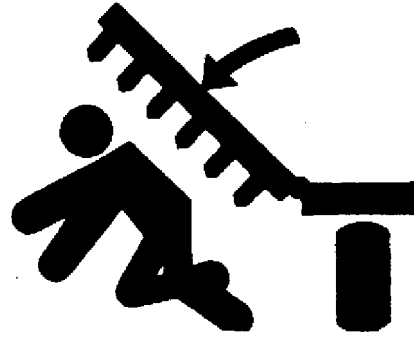
Apply both tractor brakes evenly when making emergency stops. Plan ahead.

Shut off tractor, shift transmission to "Park" and set brakes when leaving tractor. Remove key when leaving tractor unattended.

For tractor stability and operator safety, tractor front end weights may be required.

Lower machine when not in use.

Always raise machine at end of rows and when turning.

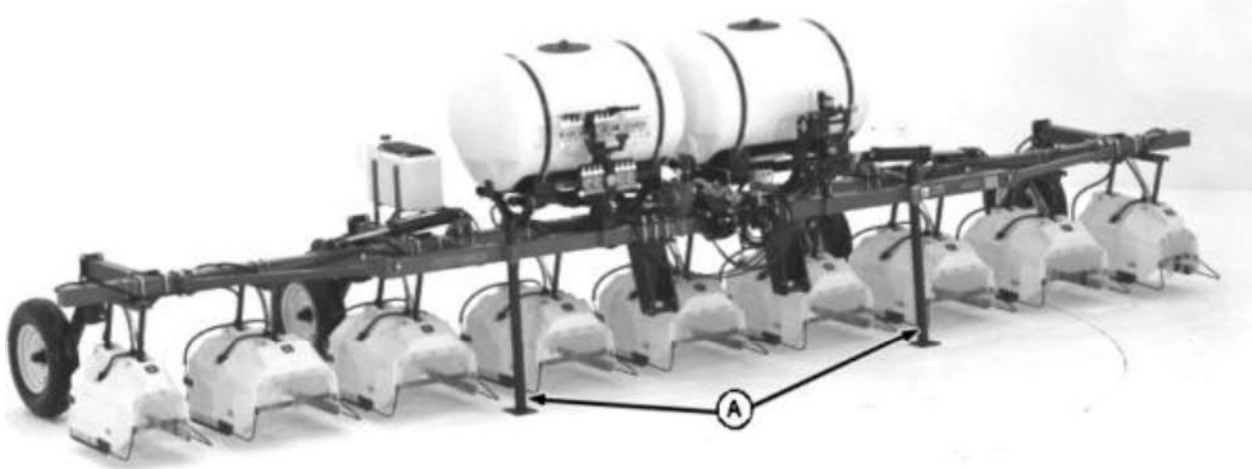


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NXN,OM320,SAF1B-19-20SEP96



PARK MACHINE SAFELY



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Park machine on a level surface.

CAUTION: Before unhitching machine from tractor, block wheels and lower front

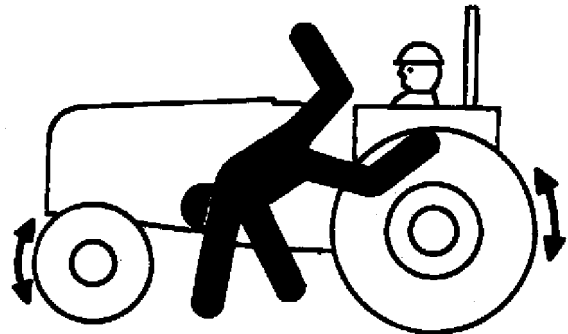
parking stands (A) and secure with pin and spring-locking pin. Make sure weight of machine is not being supported by hoods.

NX_OM320PARK97 -19-16DEC97

KEEP RIDERS OFF MACHINE

Only allow 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 of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



-UN-23AUG88
TS290

DX.RIDER -19-03MAR93



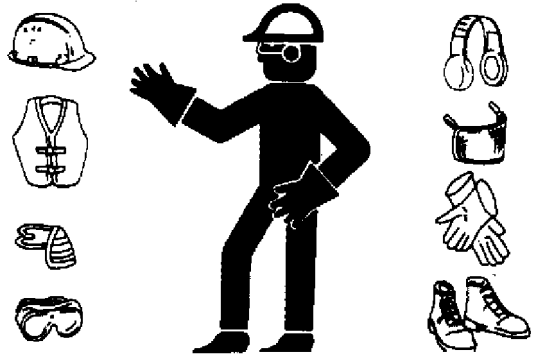
WEAR PROTECTIVE CLOTHING

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.



DX,WEAR -19-10SEP90

TS206 -UN-23AUG68

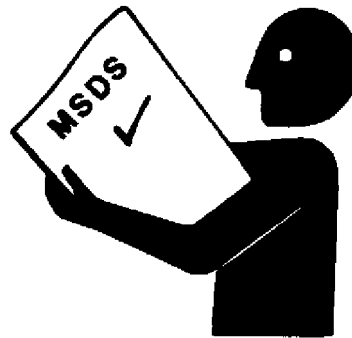
HANDLE CHEMICAL PRODUCTS SAFELY

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



NX,OM320,CHEM -19-20SEP96

TS1132 -UN-26NOV90

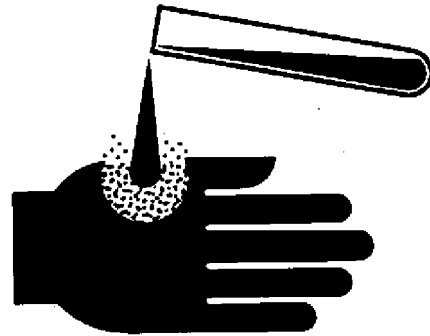
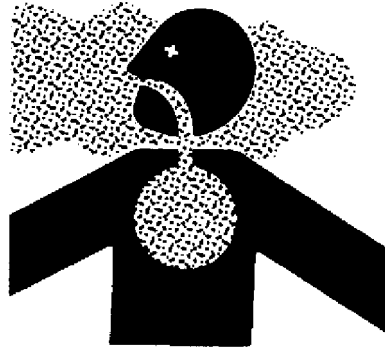


AVOID CONTACT WITH PESTICIDES

This enclosed cab does not protect against inhaling harmful pesticides. If pesticide use instructions require respiratory protection, wear an appropriate respirator inside the cab.

Before leaving the cab, wear personal protective equipment as required by the pesticide use instructions. When re-entering the cab, remove protective equipment and store either outside the cab in a closed box or some other type of sealable container or inside the cab in a pesticide resistant container, such as a plastic bag.

Clean your shoes or boots to remove soil or other contaminated particles prior to entering the cab.



DX,CABS -19-03MAR93

-UN-23AUG68

TS220

-UN-23AUG68

TS272

HANDLE CHEMICALS SAFELY

Keep dust away from skin and hair.

Keep containers low when pouring.

Let the wind blow fumes away from you when mixing or filling.

Wear a filtered respirator if you cannot avoid dust.



N01,6000C,A25 -19-03NOV88

-UN-04OCT88

N35988



Wear goggles to protect your eyes.

Wash exposed skin areas frequently—do not leave chemicals on your skin.

Do not smoke while handling chemicals.

Properly dispose of chemical containers, unused chemicals and left-over treated seed and fertilizer.

Read and observe manufacturer's recommendations.



N01.250C,J -19-01OCT84

N35989 -UN-04OCT88

Store chemicals in a separate, plainly marked LOCKED building.

Store chemicals in original containers with labels intact.



N01.250C,K -19-01OCT84

N36950 -19-13MAR89



Select an area to fill, flush, calibrate and decontaminate sprayer where pesticides will not drift or run off to contaminate people, animals, vegetation, water supply, etc. Locate area to provide absolutely no opportunity for children to contact pesticides.

If spray material comes in contact with the body, wash IMMEDIATELY with clean water and detergent.

In event of nozzle clogging or other system malfunctions, stop engine, and release pressure from the system.

Never place nozzle tips or other parts to lips to blow out trash. Have spare tips available for replacement.

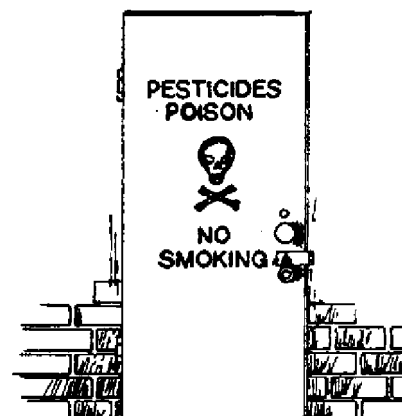
To minimize spray drift hazards:

- Use large nozzle tips operated at lower pressures.
- Do not operate machine solution system at pressure over 345 kPa (3.5 bar) (50 psi).
- Do not spray when winds exceed 11 km/h (7 mph).

Wash spray residue from outside of machine to prevent corrosion.

Properly dispose of unused pesticide and flushing solutions.

Decontaminate equipment used in mixing, transferring and applying pesticide after use.



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N33983

NX,6500C,A5A -19-20SEP96

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