

# **1060 Series Drawn Field Cultivator**

**John Deere Des Moines Works**  
**OMN200330 Issue A2**  
**(This manual replaces OMN200230 K0)**

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 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.



N88267A -UN-07DEC88

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*All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.*

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A John Deere ILLUSTRATION® Manual

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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 -19-04JUN90

T81389 -UN-07DEC88

## 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 -19-04JUN90

TS187 -19-30SEP88

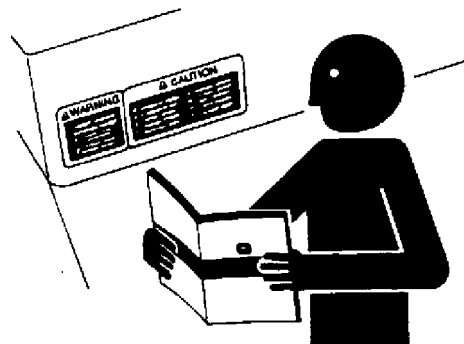
## FOLLOW SAFETY INSTRUCTIONS

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 -19-04JUN90

TS201 -UN-23AUG88



## OPERATE SAFELY

Do not allow others to ride on the machine or tractor.

Do not operate close to a ditch or creek.

Do not operate with wings folded.

Slow down when turning and traveling over rough ground.

Always shut off tractor and shift to "Park" or set brakes when leaving tractor. Remove key when leaving tractor unattended.

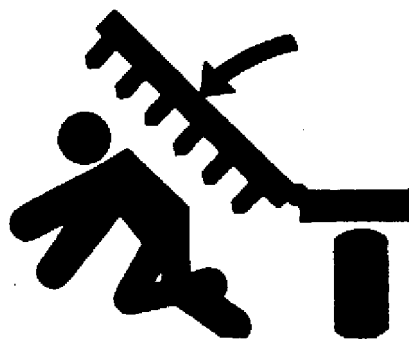
Always have tractor stopped on level ground when raising or lowering wings.

Be sure area around machine is clear before raising or lowering cultivator or wings.

Operate the machine from the tractor seat only.

Do not operate close to a ditch or creek.

If chemicals are used, follow manufacturer's recommendations for handling and storage.



N39547 -UN-06OCT88

NX,1060F,C4 -19-07NOV88

## PROTECT AGAINST NOISE

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.



TS207 -UN-23AUG88

DX,NOISE -19-04JUN90



## TRANSPORT SAFELY

When transporting the machine 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 lights and devices are available from your John Deere dealer.

Keep away from overhead power lines. Serious injury or death may result. Know the transport height and width of your machine.

Always fold wings fully and install transport lockups on depth control cylinders.

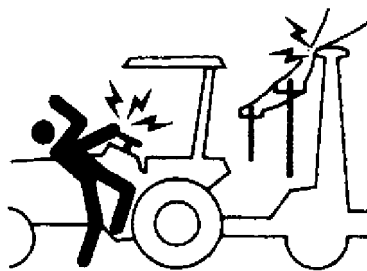
Do not exceed 16 km/h (10 mph).

Latch the tractor brakes together.

Shift the tractor into a lower gear when transporting down steep slopes or hills. Stop slowly.

Keep the SMV emblem and reflectors clean and visible from the rear.

Upward force on hitch may cause instability when transporting. Add ballast to tractor as required.



N39394 -UN-06OCT88

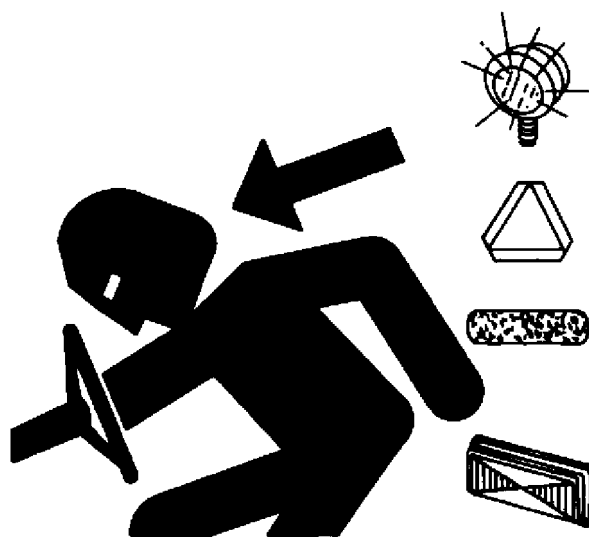
N03,960C,B -19-25OCT90

## 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.

Flashing warning lights and turn signals are recommended whenever driving on public roads. 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 -19-04JUN90

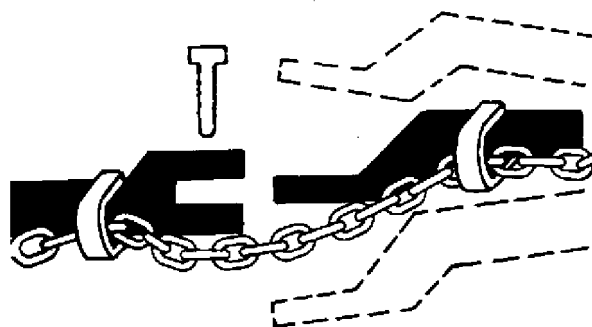


## USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar.

Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning.

See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine. Do not use safety chain for towing.



TS217  
-UN-23AUG88

DX,CHAIN -19-04JUN90

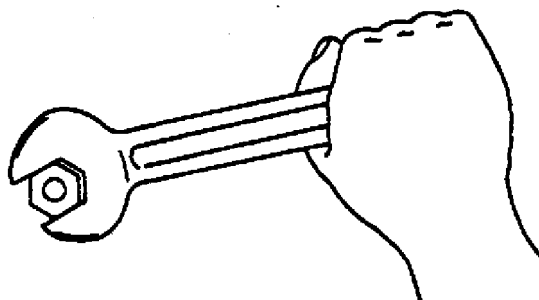
## SUPPORT RAISED EQUIPMENT

Always use a safety support when working on, under, or around the machine.

Shut off tractor engine and remove key when working on machine.

If air has been allowed to enter hydraulic hoses or cylinders, bleed hydraulic system before use. If there is a failure in the hydraulic system, unsupported raised equipment could suddenly lower, causing serious personal injury or death.

If support is not available, completely lower the wings and install transport lock-ups.



N37374  
-UN-04OCT88

N03,960C,C -19-24SEP86





## PRACTICE SAFE MAINTENANCE

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

Never lubricate or service 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 -19-04JUN90

TS218 -UN-23AUG88

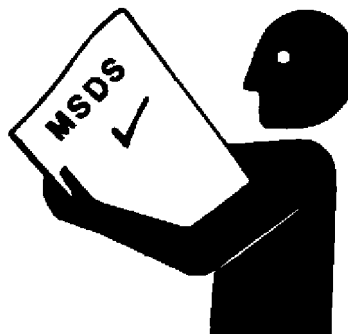
## HANDLE CHEMICAL PRODUCTS SAFELY

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 -19-15MAR91

TS1132 -UN-26NOV90



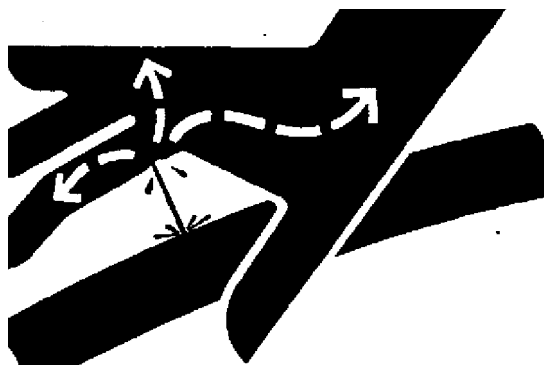
## AVOID HIGH-PRESSURE FLUIDS

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.



X9811 -UN-23AUG88

DX,FLUID -19-09AUG91

## OTHER SIGNAL WORDS IN THIS MANUAL

“CAUTIONS” are presented in bold type, and indicate there is a possibility of injury to you or other people.

“IMPORTANTS” are also presented in bold type, and indicate there is a possibility of damage to the machine.

“NOTES” are separated from the text in italics. They provide additional information that is an exception to a previous statement or is not directly related to the original subject.

N01,9920C,G -19-11JAN84




## READ SAFETY SIGNS CAREFULLY



N03,1010E,A -19-27MAR85

N38141 -UN-13MAR89



**! DANGER**

To avoid injury or death stand clear of machine when wings are being folded or unfolded. Mechanical or hydraulic failure can allow wings to fall rapidly.

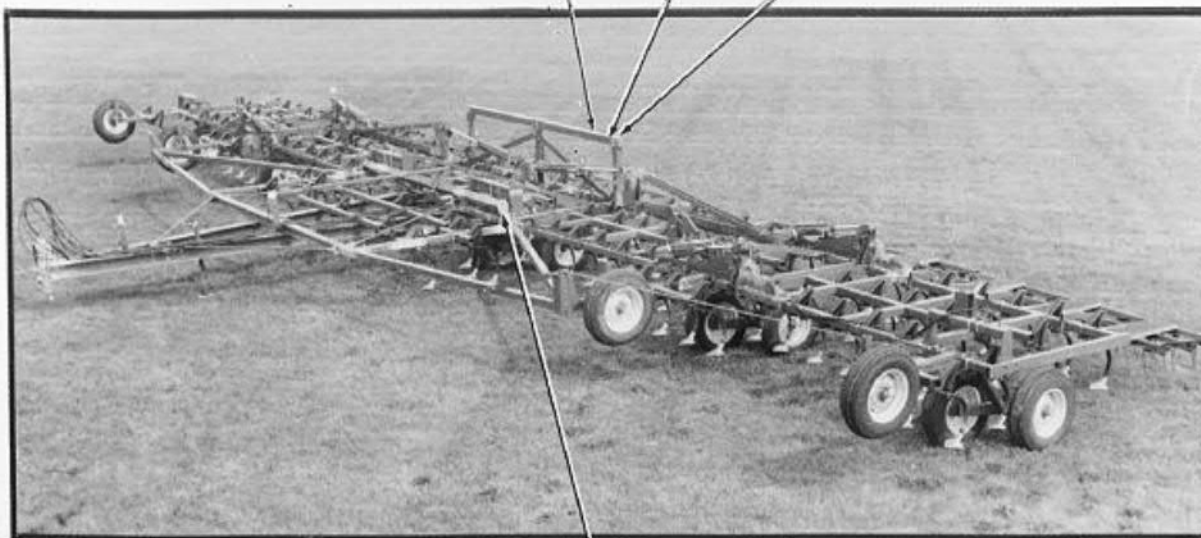


**! DANGER**

To avoid injury or death do not contact electric lines

**! WARNING**

BE SURE CYLINDER AND ATTACHING HOSES ARE FULLY CHARGED WITH OIL BEFORE OPERATING SYSTEM. FAILURE TO DO SO WILL ALLOW WINGS TO FALL RAPIDLY WHEN ATTEMPTING TO LOWER FROM TRANSPORT POSITION.



**! WARNING**

TO AVOID INJURY INSTALL CYLINDER LOCKUP(S) BEFORE TRANSPORTING OR SERVICING MACHINE.

N39704 -19-21DEC88

NX,1060F,C5 -19-07NOV88



## HITCH

### **WARNING**



TONGUE CAN WHIP UPWARDS WHEN UNHITCHING. TO AVOID BODILY INJURY, LOWER THE MACHINE OR THE REAR PARKING STANDS TO GROUND BEFORE REMOVING HITCH PIN.

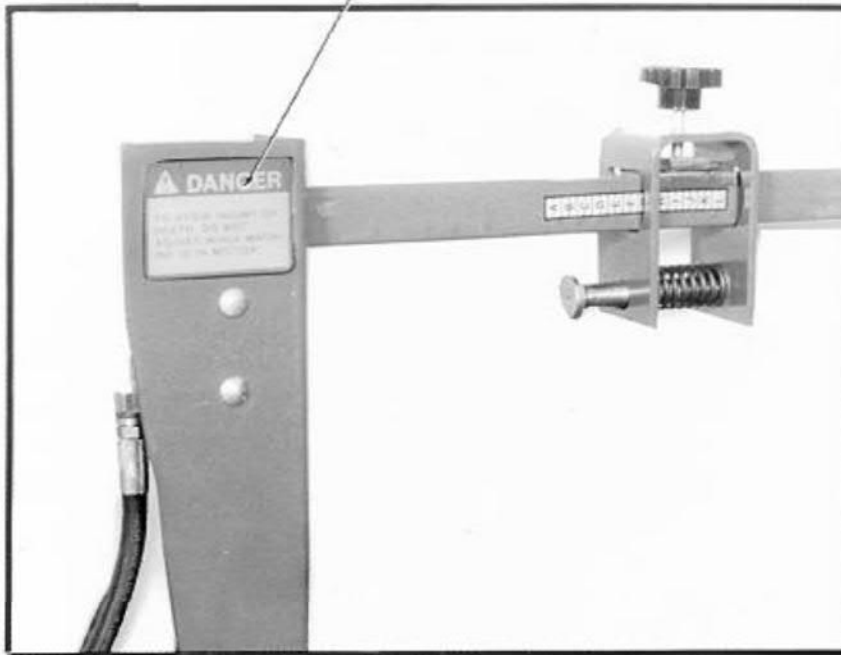
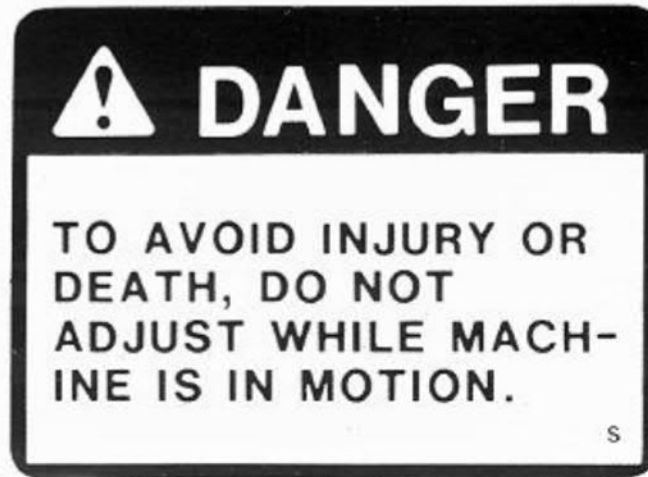


N42102H  
-19-30OCT90

NX,1060F,C6 -19-31OCT90



## SINGLE POINT DEPTH CONTROL



N421021 -19-30OCT90

NX,1060F,C7 -19-31OCT90



## **! DANGER**

To avoid injury or death stand clear of machine when wings are being folded or unfolded. Mechanical or hydraulic failure can allow wings to fall rapidly.

## **! WARNING**

BE SURE CYLINDER AND ATTACHING HOSES ARE FULLY CHARGED WITH OIL BEFORE OPERATING SYSTEM. FAILURE TO DO SO WILL ALLOW WINGS TO FALL RAPIDLY WHEN ATTEMPTING TO LOWER FROM TRANSPORT POSITION.



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