

JOHN DEERE C-11 CULTI-PLANTER

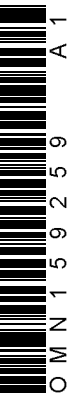


OPERATORS MANUAL JOHN DEERE C-11 CULTI-PLANTER

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To the Purchaser


This new culti-planter was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need - whether it is operation, lubrication, or adjustments and service. Read the Table of Contents to learn where each section is located.

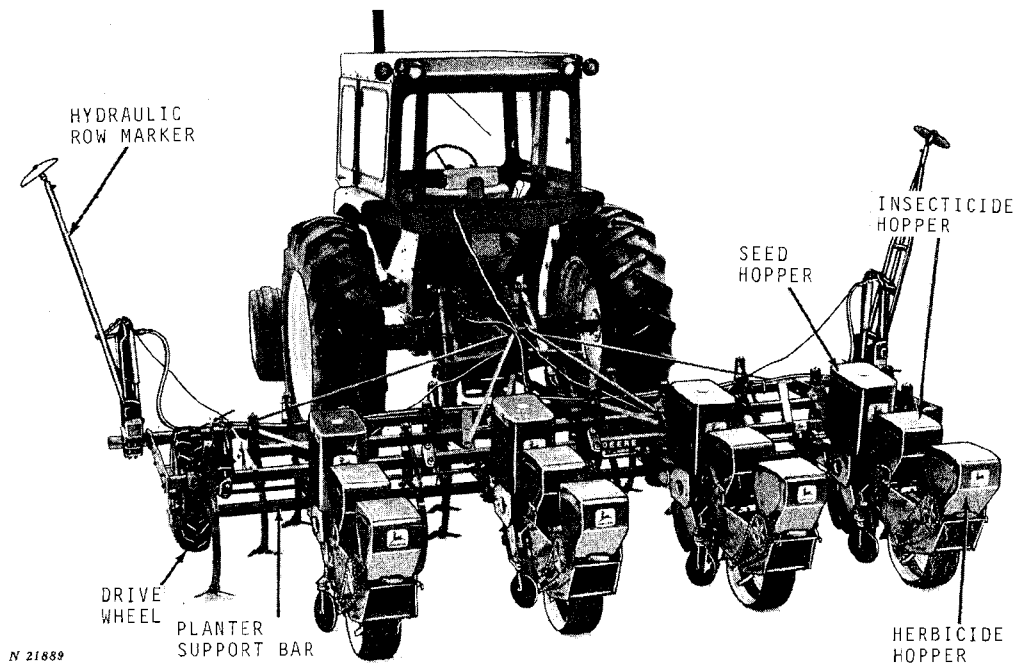
In addition to the equipment furnished with your culti-planter, attachments are available to help you do a better job in special crop conditions. These are described in the attachments sections of this manual and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the culti-planter will travel when in use.

Record your culti-planter serial numbers in the space provided on page 48. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If your culti-planter requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts - accept no substitutes.

The warranty on this culti-planter appears on your copy of the purchase order which you should have received from your dealer when you purchased the culti-planter.

 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.



John Deere Four-Row C-11 Culti-Planter with Plateless Planter Units

JOHN DEERE C-11 CULTI-PLANTER

PREDELIVERY CHECK LIST

Inspect the Culti-planter after it has been completely assembled to make sure it operates properly. The following list is a reminder of the points to inspect and procedures to follow before delivering the Culti-planter to the customer. Check off each item if found satisfactory or after proper adjustment is made.

- Planting units spaced correctly.
- Drive wheel tires inflated to 24 psi.
- Planting units functioning correctly.
- Markers operating properly.
- Machine lubricated.

I have performed the above predelivery service to the best of my ability.

Date _____

Signed _____

OWNER REGISTER

Name _____
Address _____
Post Office _____
State _____
Implement Serial No. _____
Implement Model No. _____
Date Purchased _____

DELIVERY CHECK LIST

At the time of delivery, important information should be conveyed directly to the customer. Check off each item below as it is fully explained to the customer.

- Advise the customer to lubricate the machine as directed in the operator's manual.
- Give the operator's manual to the customer and explain all operating adjustments to him.
- Tell the customer of safety precautions he must observe when using this machine.
- If it becomes necessary to transport the Culti-planter on public roads or highways, advise customer to check with local and state agencies regarding the regulations for transporting oversize equipment and the use of accessory lights and devices for adequate warning to operators of other vehicles on such roads.
- To the best of my knowledge, this machine has been delivered ready for field use and the customer has been fully informed regarding proper care and operation.

Signed _____

Date _____

SHIPPING BUNDLES

C-11 FIELD CULTIVATOR

- 1 - BN130473 Main Frame (15-1/2-foot)
- 1 - BN130257 Extensions
- 1 - BN130261 Stub Bars
- 1 - BN130474 Category 2 and 3 Mast
- 17 - BN130264 Spring-Teeth for 4-row culti-planter
- 19 - BN130264 Spring-Teeth for 6-row culti-planter
- 17 or 19 sweeps or shovels, as ordered.

PLANTER MOUNTING ATTACHMENT

- 1 - AN131656 Planter Support Bar
- 1 - BN130609 Planter Drives
- 1 - BN130526 Wheel with 6.70-15 Traction Tire, R.H.
- 1 - BN130527 Wheel with 6.70-15 Traction Tire, L.H.
- 1 - BN130262 Heavy-Duty Drive Wheel Support, R.H.
- 1 - BN130263 Heavy-Duty Drive Wheel Support, L.H.
- 1 - N133674 Planter Drive Shaft
- 1 - BN130610 Planter Drive Shield

PLANTER ROW UNITS

Order from John Deere Planter Works.

PLATELESS PLANTER UNITS

BB13280	Plateless Planting Unit, Disk Opener, Steel Press Wheel
BB13281	Plateless Planting Unit, Runner Opener, Steel Press Wheel
BB13282	Plateless Planting Unit, Disk Opener, Steel Press Wheel with Tire
BB13283	Plateless Planting Unit, Runner Opener, Steel Press Wheel with Tire
BB13023	Plateless Planter Seed Hopper (1 required with each of the above bundles)
BB13342	Hyd'Row Marker (Short Arm)

PLATE-TYPE PLANTER UNITS

BB13011	Plate-Type Planting Unit, Drill, Disk Opener, Steel Press Wheel
BB13012	Plate-Type Planting Unit, Drill, Runner Opener, Steel Press Wheel
BB13015	Plate-Type Planting Unit, Disk Opener, Steel Press Wheel with Tire
BB13016	Plate-Type Planting Unit, Runner Opener, Steel Press Wheel with Tire
BB12544	Plate-Type Planter Seed Hopper (1 required with each of the above bundles)
BB13342	Hyd'Row Marker (Short Arm)

ATTACHMENTS FOR PLANTER ROW UNITS

Order attachments for planter row units from John Deere Planter Works.

PLATE-TYPE OR PLATELESS PLANTER ROW UNITS

Press Wheel Tires (Traction-Tread)

BB96042 4-row

BB96116 6-row

Press Wheel Bands

BB96044 4-row

BB96113 6-row

Press Wheel Scrapers

BB11391 4-row

BB11690 6-row

Row Leveling Blades

BB96055 4-row

BB96122 6-row

Insecticide Attachments

BB96713 4-row

BB96714 6-row

Band Spreader

BB96764 4-row

BB96765 6-row

Herbicide Attachment with Fenders (For use Without Insecticide Attachment)

BB96710 4-row

BB96711 6-row

Herbicide Attachment Without Fenders (For use with Insecticide Attachment)

BB96622 4-row

BB96624 6-row

PLATE-TYPE PLANTER ROW UNITS

Disk Coverers

BB96054 4-row

BB96121 6-row

Knife Coverers

BB96048 4-row

BB96118 6-row

Trash Kickers

BB96047 4-row

BB96117 6-row

Gauge Shoes

BB96043 4-row

BB96112 6-row

Double-Disk Furrowers

9-Inch Furrower with Anti-Friction Bearings

BB96057 4-row

BB96124 6-row

Double-Disk Furrowers (Continued)

9-Inch Furrower with White-Iron Bearings

BB96046 4-row

BB96114 6-row

11-Inch Furrower with Anti-Friction Bearings

BB96053 4-row

BB96129 6-row

11-Inch Furrower with White-Iron Bearings

BB96058 4-row

BB96127 6-row

12-Inch Furrower with Anti-friction Bearings

BB96078 4-row

BB96128 6-row

Double-Disk Seed Openers

BB96052 4-row

BB96120 6-row

Seed-Packer Wheels

BB96050 4-row

BB96119 6-row

ATTACHMENTS FOR PLANTER ROW UNITS—Continued

PLATELESS PLANTER ROW UNITS

Disk Coverers

BB96813 4-row, R.H.
BB96814 4-row, L.H.
BB96817 6-row, R.H.
BB96818 6-row, L.H.

Knife Coverers

BB96815 4-row, R.H.
BB96816 4-row, L.H.
BB96819 6-row, R.H.
BB96820 6-row, L.H.

Double-Disk Furrowers

9-Inch Furrower with Anti-Friction Bearings

BB96638 4-row
BB96639 6-row

9-Inch Furrower with White-Iron Bearings

BB96601 4-row
BB96602 6-row

Double-Disk Furrowers—Continued

11-Inch Furrowers with Anti-Friction Bearings

BB96608 4-row
BB96609 6-row

11-Inch Furrower with White-Iron Bearings

BB96598 4-row
BB96599 6-row

12-Inch Furrower with Anti-Friction Bearings

BB96604 4-row
BB96605 6-row

Sorghum Attachment

BB96769 4-row, regular-rate
BB96746 6-row, regular-rate
BB96750 4-row, low-rate
BB96751 6-row, low-rate



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Operation

This manual contains operation and adjusting, lubrication, service, and assembly instructions for the planter drive and planter row units.

Refer to your C-11 Field Cultivator operator's manual for complete operating and assembly instructions for the field cultivator.

PREPARING THE CULTI-PLANTER

Bolts and Nuts

Before starting to work with your new culti-planter or one which has been stored, check to see that all nuts are tight.

Tire Inflation

Check drive wheel tires to be sure they are inflated to 24 psi.

Lubrication

Be sure culti-planter has been lubricated properly. See pages 18 and 19.

PREPARING THE TRACTOR

Prepare the tractor as outlined in your C-11 Operator's Manual.

Front End Weights

Front end stability is necessary for efficient operation and safety. Therefore, it is important that weight be added to the front end of the tractor according to the following recommendations.

Insecticide and herbicide attachments may be used only with certain tractors as indicated in the chart below.

The Quik-Coupler may be used with the 4520, 4620 and 5020 Tractors only.

TOTAL FRONT WEIGHT REQUIRED FOR TRANSPORT STABILITY						
Tractor	Planter Rows	Row Marker	Insecticide Hopper	Herbicide Hopper	Front End Weight	Quik-Coupler
3020	4	yes	No	No	1505 lbs.	No
4000	4	yes	yes	No	1505 lbs.	No
4000	6	yes	No	No	1505 lbs.	No
4020	4	yes	yes	No	1505 lbs.	No
4320	4	yes	yes	No	1505 lbs.	No
4020	6	yes	No	No	1505 lbs.	No
4320	6	yes	No	No	1505 lbs.	No
4520	4	yes	yes	yes	820 lbs.	yes
4620	4	yes	yes	yes	820 lbs.	yes
4520	6	yes	yes	yes	1505 lbs.	yes
4620	6	yes	yes	yes	1505 lbs.	yes
5020	4 or 6	yes	yes	yes	820 lbs.	yes

PLATELESS PLANTING UNITS

Planting Depth

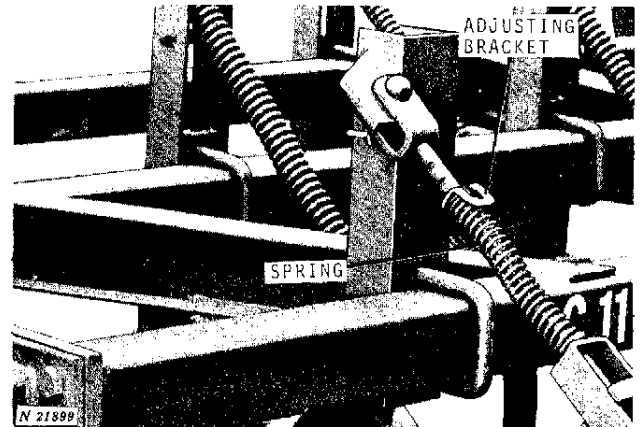
Planting depth is gauged by the planter press wheel and not by the depth of the cultivator.

NOTE: When using double-disk furrowers, furrowers gauge depth of seed; planter press wheel gauges depth of furrow.



Planting depth of each unit is determined by the setting of the depth adjusting cam. To decrease planting depth, pull out on the adjusting stop and rotate depth adjusting cam clockwise. To increase planting depth, pull out on adjusting stop and rotate depth adjusting cam counterclockwise. Each hole represents a change of approximately 3/8 inch in planting depth. Adjust all units to plant at the same depth.

If necessary, level units with sleeve adjusting nut and locking nut. Tighten locking nut to 150 ft-lbs torque.



Each planting unit has a spring which can be adjusted to vary the down pressure on the planting unit. If the runner tends to ride out of the ground, raise the planter and move the adjusting bracket down to the next position.

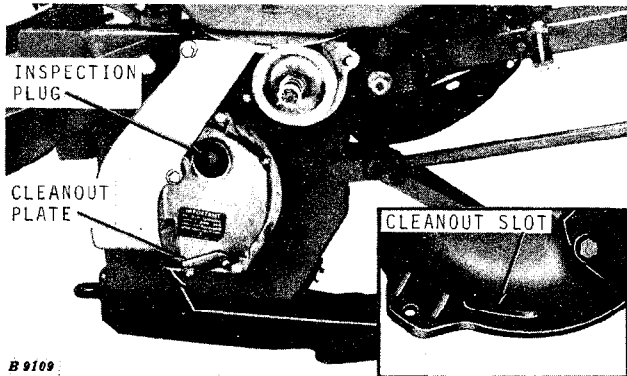
NOTE: Do not attempt to penetrate the plow pan. In hard soil conditions, this could cause the culti-planter drive wheels to raise off the ground.

Adjust all planting units so the spring pressure is the same on each unit.

NOTE: When operating in the field, lower the culti-planter only when the tractor is moving forward. This will prevent the planter runners from clogging in moist soil conditions.

4 Operation

Inspection and Cleanout



If seed hoppers are not empty, be certain to turn the selector gates to the "OFF" position or seed will escape from hopper through cleanout hole.

Remove inspection plug and check fingers periodically. See SERVICE section, pages 20-22.

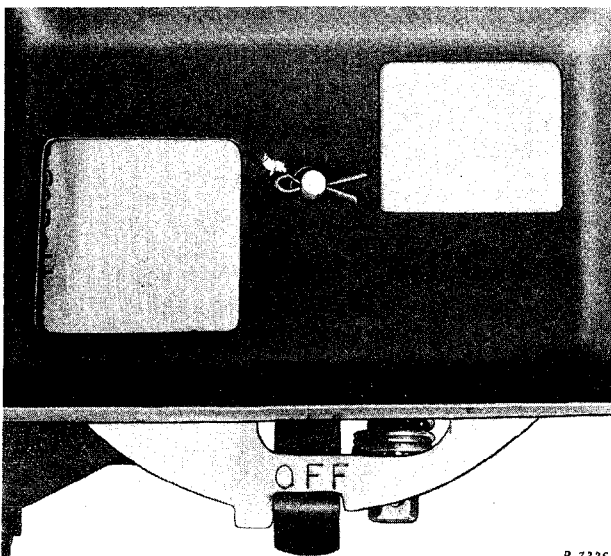
For best operation, remove cleanout plate and clean out finger pickup housing after each day's use.

Be certain the CLEANOUT SLOT on the underside of the finger pickup housing is not clogged. This will help prevent a buildup of dust and chaff inside the mechanism.

NOTE: The planting units must always be covered with waterproof material at night or during wet weather.

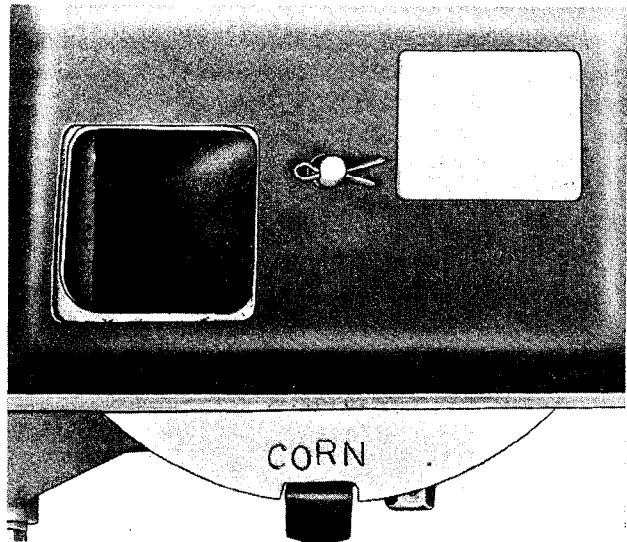
Selector Gate

The selector gate has three positions marked as follows: OFF, BEANS & SORGHUM, and CORN.

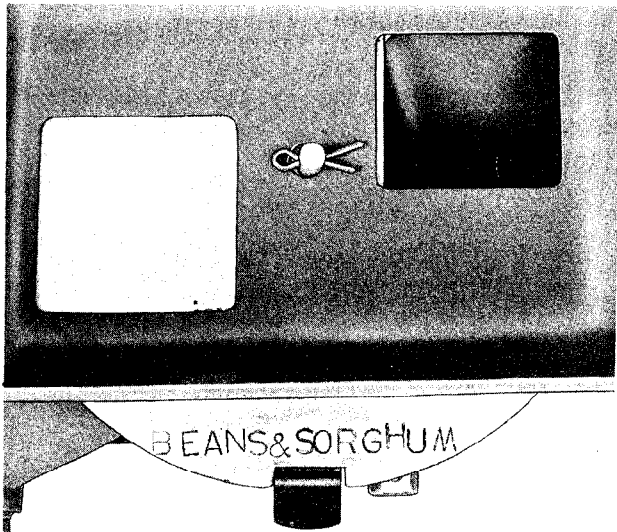


Before removing the hopper, turn the selector gate to the OFF position to close the opening in the hopper bottom.

NOTE: Be sure to turn selector gate to OFF position for transporting.



To plant corn with the finger pickup section of the planter, move the selector gate from the OFF position in a clockwise direction until it locks in place in the position marked CORN.



To plant soybeans, maize, or other small grain with the precision feed cup section of the planter, move the selector gate from OFF position in a counter-clockwise direction until it locks in place in the position marked BEANS & SORGHUM. For instructions on using precision feed cup see page 6.

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