

POTATO PLANTERS NO. 112 ONE-ROW & NO. 212 TWO-ROW



JOHN DEERE

OPERATORS MANUAL
POTATO PLANTERS NO. 112
ONE-ROW &
NO. 212 TWO-ROW
OMD36955 (01SEP55) English

OMD36955 (01SEP55)

LITHO IN THE U.S.A.
ENGLISH



TO THE OWNER

The John Deere Potato Planter you have just purchased will give you many years of satisfactory performance. It is economical to operate, extremely accurate, and properly balanced for light draft. It will allow you to plant at maximum speed, get your crop in quickly, and assures you of a perfect stand.

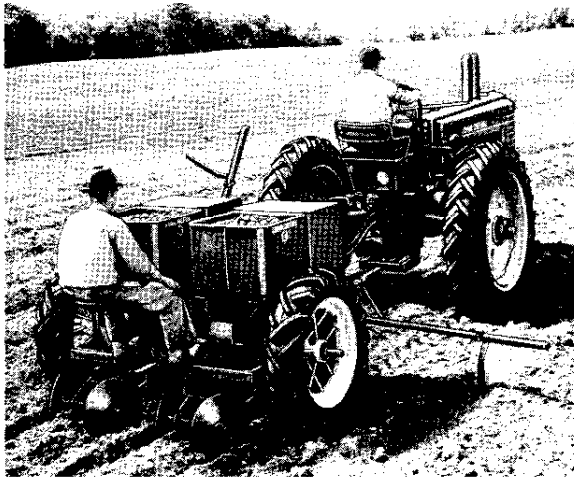
For harvesting your potato crop, investigate the modern and complete line of John Deere Potato Diggers.

For Quality Equipment and Genuine Parts, go to your JOHN DEERE DEALER. He and the JOHN DEERE Branch House behind him are in business for your service.

“Right” and “Left” refer to the operator’s right or left when facing in the same direction the machine will travel.

Save this Manual. It has been carefully prepared. Refer to it for Operating Instructions and Accurate Parts Information.

Fill in the date of purchase and owner’s name in the space below. This information will help your John Deere Dealer supply you with the correct replacement parts.



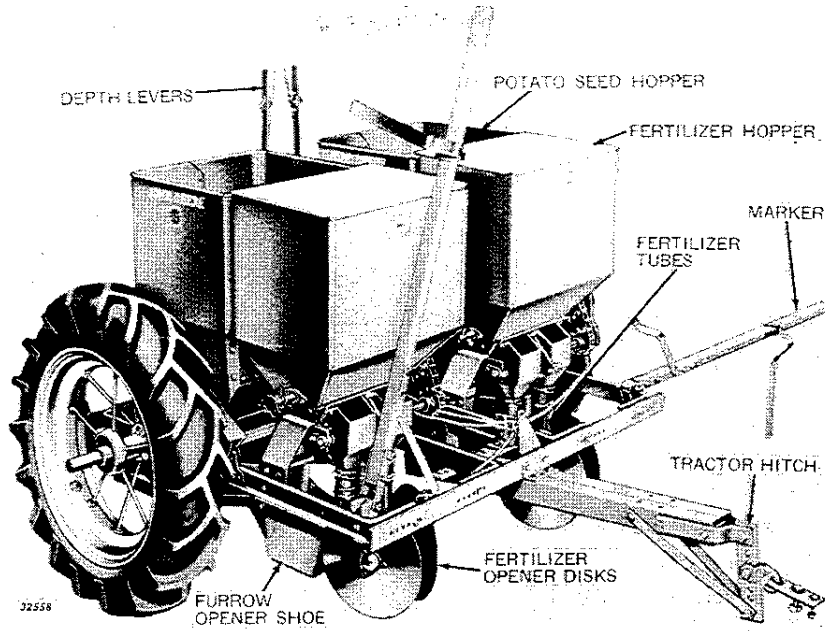
PLANTER No.

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DATE OF PURCHASE

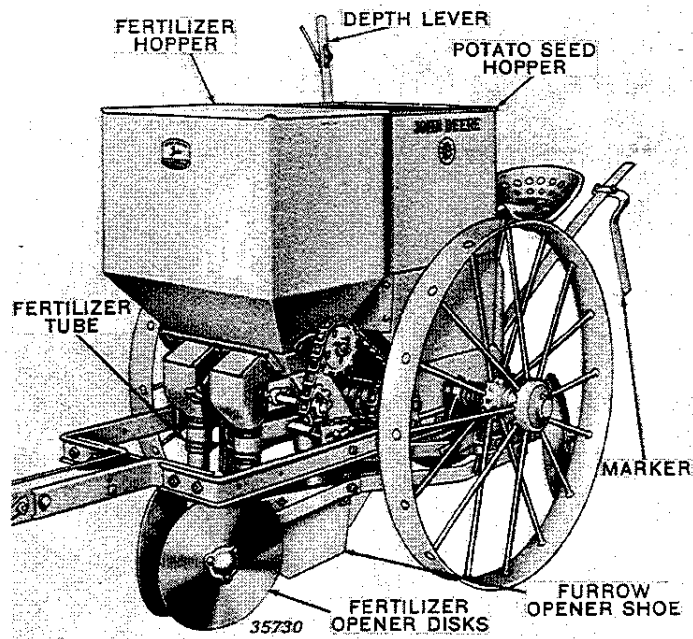
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OWNER

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John Deere No. 212 Two-Row Tractor Potato Planter with No. 20 Fertilizer Attachment



John Deere No. 112 One-Row Potato Planter with No. 20 Fertilizer Attachment

SPECIFICATIONS AND DATA

| | |
|------------------------------------|---|
| SERIES | No. 12, consisting of two models of one-row drawn planters and twelve models of two-row drawn planters. |
| MODELS | <p>No. 112-A-1 One-Row Planter with 40 x 4-Inch Steel Wheels and Hand Lift</p> <p>No. 112-A-2 One-Row Planter with 40 x 4-Inch Steel Wheels, Hand Lift, and Fertilizer Attachment.</p> <p>No. 212-A-1 Two-Row Planter with 40 x 6-Inch Steel Wheels and Hand Lift.</p> <p>No. 212-A-2 Two-Row Planter with 9 x 24—4-Ply Rubber Tires and Hand Lift.</p> <p>No. 212-A-3 Two-Row Planter with Wheels for Tires and Hand Lift.</p> <p>No. 212-A-4 Two-Row Planter with 40 x 6-Inch Steel Wheels and Power Lift.</p> <p>No. 212-A-5 Two-Row Planter with 9 x 24—4-Ply Rubber Tires and Power Lift.</p> <p>No. 212-A-6 Two-Row Planter with Wheels for Tires and Power Lift.</p> <p>No. 212-A-7 Two-Row Planter with 40 x 6-Inch Steel Wheels, Hand Lift, and Fertilizer Attachment.</p> <p>No. 212-A-8 Two-Row Planter with 9 x 24—4-Ply Rubber Tires, Hand Lift, and Fertilizer Attachment.</p> <p>No. 212-A-9 Two-Row Planter with Wheels for Tires, Hand Lift, and Fertilizer Attachment.</p> <p>No. 212-A-10 Two-Row Planter with 40 x 6-Inch Steel Wheels, Power Lift, and Fertilizer Attachment.</p> <p>No. 212-A-11 Two-Row Planter with 9 x 24—4-Ply Rubber Tires, Power Lift, and Fertilizer Attachment.</p> <p>No. 212-A-12 Two-Row Planter with Wheels for Tires, Power Lift, and Fertilizer Attachment.</p> |
| FERTILIZER ATTACHMENT ... | Available for Any of the Above Models When So Ordered. |
| MARKERS | Disk Marker or Scratch Marker Available as Ordered. |
| COVERING DISK | Regular with 16-Inch Disks. 12-Inch Disk Available on Order. |
| LIFT | Power Lift or Hand Lift Available as Ordered for All Models. |
| WHEELS | Steel Wheels, Wheels and Tires, or Wheels less Tires, Available as Ordered. |
| ROW WIDTH | Adjustable 32 Inches Through 42 Inches. |
| SEED SPACING .. | Variable by Changing Spacing Sprocket. |
| FERTILIZER APPLICATION | Variable from 100 Pounds to 3,500 Pounds per Acre by Adjusting Fertilizer Gate. |

OPERATION

Your John Deere Potato Planter has been designed to plant your crop and give greatest possible accuracy of planting, fertilizing and hilling under varying field conditions to assure a maximum yield.

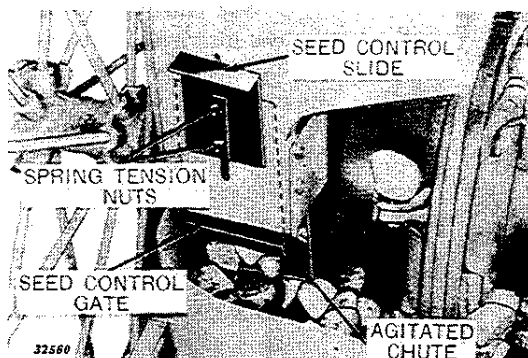
By availing yourself of the various possible adjustments hereafter described, your planting operation can be performed with greatest efficiency.

SUGGESTIONS

Built rugged and strong in every part, your John Deere Potato Planter will give maximum efficiency if you follow these suggestions:

1. Potatoes should be planted in a deep-plowed and thoroughly pulverized seedbed.
2. For the greatest possible planting accuracy, the seed should be of uniform size.
3. Picker points can be easily adjusted for various sizes of seed pieces. Use this adjustment! The short time involved will be well repaid in planting accuracy. See page 5.
4. Picker arm parts should be kept free and flexible by regular cleaning and lubrication of the arm bushings.
5. Carry plenty of seed in the picker bowl.
6. Chains should be kept tight by the chain tighteners and only lubricated sufficiently to maintain flexibility.
7. Clutch parts should be kept well lubricated.
8. Grease planter regularly. See Lubrication Chart on pages 16 and 17.
9. The fertilizer attachment should be thoroughly cleaned and oiled after the planting season is over to prevent rusting of parts during storage.
10. Opener shoe, fertilizer furrow openers, and covering disks should be greased before storing.

SEED CONTROL GATE ADJUSTMENT



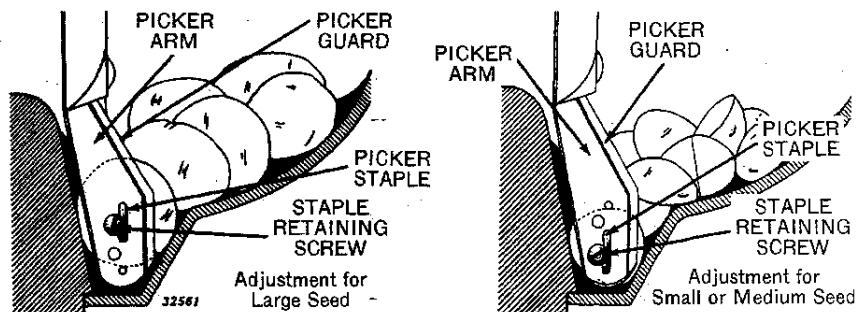
The automatic gravity feed is assisted by the agitated chute.

Flow of seed to the bowl is controlled by the amount of opening given by the sliding seed control gate. The gate is operated by the seed control slide on the outside of the hopper.

The nuts control the spring tension on the gate and slide.

Carry plenty of seed in the picker bowl to adequately "back up" the seed piece being picked.

PICKER POINT ADJUSTMENT



Because of the seed lying in the "V" shaped trough, it is only necessary to adjust the staple in a vertical direction for various sizes of seed pieces.

Large seed will rest high in the "V" trough and the staple picker points should be located in the upper holes in the picker arm as shown above.

Small or medium seed will rest low in the "V" trough, and the staple picker points should be located in the lower holes in the picker arm as shown above.

Keep picker points straight and sharp. When they become short and dull, replace them for maximum efficiency.

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