



66 & 66-4 BEET & BEAN DRILLS



JOHN DEERE

OPERATORS MANUAL

66 & 66-4
BEET & BEAN DRILLS

OMD3854 (01AUG54) English

OMD3854 (01AUG54)

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ENGLISH



TO THE PURCHASER

The purpose of this manual is to furnish valuable information about your new No. 66 or No. 66-4 Drill. In this manual you will find instructions and helpful suggestions for operating, hitching, transporting, adjusting, lubricating, setting-up, and servicing your new drill. Also included is a complete parts list with helpful illustrations to aid in proper identification of parts if replacement becomes necessary.

Keep this manual in a convenient place for quick and easy reference. Use it as a guide whenever questions arise. You have purchased a dependable, sturdy machine, but only by proper care and operation can you expect to receive the service and long life designed and built into it.

If you need additional information, or if your drill requires special servicing, see your John Deere dealer—he has all the facilities required to keep your drill in A-1 condition. He will be glad to serve you.

Sometime in the future your drill may need new parts to replace worn or broken parts or for emergency repair. If so, go to your John Deere dealer. He will see that you get high-quality, genuine John Deere parts. Also provide your dealer with the model number of your drill, its type, and year purchased. This information will help him to identify the part you need. We suggest that this information be recorded immediately in the space provided below, thereby making it available for future reference.

If, after much active work, your drill requires attention, go to your John Deere dealer for parts or special service as soon as possible. By giving your drill proper attention during slack periods it will always be ready for use without delays, when you need it.

| |
|--|
| <p>John Deere No. Drill</p> <p>with</p> <p>Double Disk Openers <input type="checkbox"/></p> <p>Runner Openers <input type="checkbox"/></p> <p>Date Purchased 19</p> <p><i>(To be filled in by purchaser)</i></p> |
|--|

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NOTE: Right-hand and left-hand sides are determined by facing in the direction the machine will travel when in use.

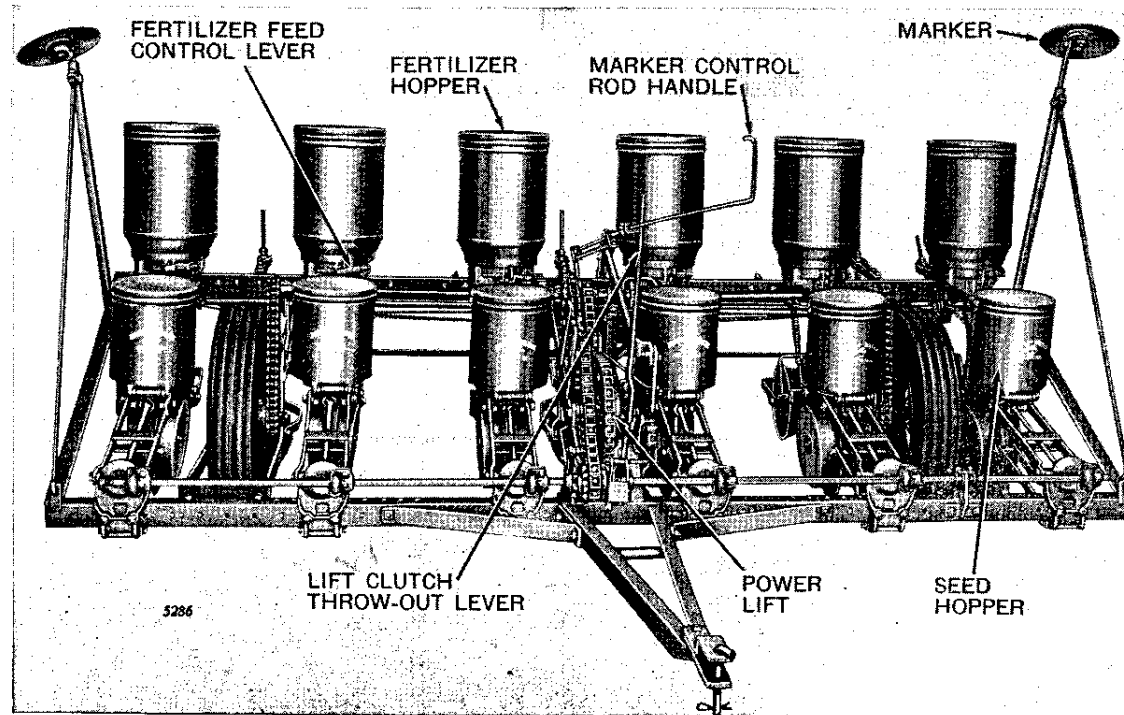


Figure 1—The No. 66 Beet and Bean Drill with Fertilizer Attachment

SPECIFICATIONS AND DATA

The No. 66-4 Four-Row Beet and Bean Drill has four planting attachments mounted on a main frame, to accommodate more width between rows. This frame can also be used to mount six planting attachments, when wanted. Most kinds of seed can be planted in either flat or bed planting with this drill.

The No. 66 Beet and Bean Drill is a six-row drill which can be used to plant most kinds of seed in either flat or bed planting.

POWER REQUIRED—John Deere Model “M” or “H” Tractor, its equal or larger.

GROUND SPEED—Should not exceed 2.5 miles per hour when planting Segmented Beet Seed or 4 miles per hour for other crops.

HITCHES—Standard plain hitch, adjustable in height for use with most any tractor.

WHEELS—Pneumatic Rubber tired 5:50 x 16 Ribbed Implement Tire—Steel rims for mounting 6:00 x 16 automobile tires—Steel wheels, 28" x 4".

OPENERS—Plain or Safety Runner Openers, Plain Double Disk or Safety Double Disk Hoe Openers, or Press Wheel Openers as ordered.

PRESS WHEELS—Press Wheel attachments are standard equipment on all machines.

MARKERS—Hand controlled disk type marker. Short and long marker.

SEED PLATES—All John Deere “H” type plates can be used with proper hopper parts.

SEEDING RATES—Choice of 9 drive ratios, from 72.2 inches to 238.6 inches forward travel per plate revolution.

FERTILIZER ATTACHMENTS—Positive sprocket and shaft driven attachments available for both types of openers when ordered.

IRRIGATING ATTACHMENTS—Three different attachments available to accommodate placement on the different machines.

ROW SETTINGS—6 rows spaced 18", 20", or 22", 4 rows spaced 24", 26", 28", 30", 32", 34", and 36", 6 rows spaced alternately 16" and 24" or 18" and 22".

TRANSPORT WIDTH.....10' 6-1/4"

WIDTH OF FRAME (Not including markers).....126-1/4"

APPROXIMATE WEIGHT FOR No. 66 SIX-ROW DRILL—

| | On Steel | On Rubber |
|-------------------------------|-----------------|------------------|
| With Runner Openers..... | 1151 lbs..... | 1167 lbs. |
| With Double-Disk Openers..... | 1239 lbs..... | 1255 lbs. |

WEIGHTS ON EXTRAS FOR No. 66 SIX-ROW DRILL—

| | |
|----------------------------|----------|
| Fertilizer Attachment..... | 220 lbs. |
| Irrigating Attachment..... | 45 lbs. |

APPROXIMATE WEIGHT FOR No. 66-4 FOUR-ROW DRILL—

| | On Steel | On Rubber |
|-------------------------------|-----------------|------------------|
| With Runner Openers..... | 1000 lbs..... | 1016 lbs. |
| With Double-Disk Openers..... | 1044 lbs..... | 1059 lbs. |

WEIGHTS ON EXTRAS FOR No. 66-4 FOUR-ROW DRILL—

| | |
|----------------------------|----------|
| Fertilizer Attachment..... | 157 lbs. |
| Irrigating Attachment..... | 26 lbs. |

It is John Deere policy to improve our machines at every opportunity. Consequently, it may be necessary to change design without notice.

OPERATING AND ADJUSTING INSTRUCTIONS

TRANSPORT

IMPORTANT: Disconnect power drive chain when pulling drill in transport, to prevent unnecessary wear on drive parts.

Be sure wheel bearings are well lubricated and tires are correctly inflated. See that all opener, fertilizer, and irrigating attachments are raised high enough to prevent damaging machine.

IMPORTANT: Empty fertilizer hoppers when drill is in transport, because hauling filled fertilizer hoppers, which are not operating, tends to pack fertilizer in hopper parts thereby clogging the mechanism.

CHECKING DRILL BEFORE USING IN FIELD

IMPORTANT: Check drill to see that all parts, units, bolts, and nuts are tight before beginning operation in the field.

Check to see that all adjustments are correct.

It may be necessary to check the seeding rate of the drill by jacking-up one drive wheel **only** and turning. One-half the seeding rate will be determined because of the differential in the drive shaft. This is very important to remember when trying to establish a seeding rate for any particular seed.

IMPORTANT: Inspect seed hoppers and hopper parts to see that they are clean and operating freely. Check particularly the parts of the segmented seed hoppers, especially the stainless steel tube, because even a spider web may cause clogging when planting segmented seed.

Be Careful



THE LIFE YOU SAVE MAY BE YOUR OWN...

NATIONAL SAFETY COUNCIL

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