

SPECIFICATIONS

Pull-Type Planter, 8-row Rigid, 12-row, 16-row, or 24-row Centerflex

FRAME: 12-row, 16-row, and 24-row: Pull-Type Center Flex Hydraulic Forward Fold
8-row: Rigid Frame

PLANTING UNIT : NG Plus 4 Monosem
Vacuum Metering Box
Double Disc Opener
Gauge Wheels
Adjustable Closing Wheels

STANDARD ROW SPACING	Transport WIDTH	WEIGHT*
8-Row Narrow - 30" Rows -----	11' 6"	6140 lbs.
8-Row Wide - 36" or 38" Rows -----	26' 1"	4,972 lbs.
12-Row Narrow - 30" Rows -----	16' 4"	7389 lbs.
16-Row Narrow - 30" Rows -----	21' 4"	8639 lbs.
24-Row Narrow - 22"-24" Rows -----	23' 2"	10489 lbs.

*The base machine weights include planter frame, row markers, drive components, tires and wheels, hydraulic cylinders and NG Plus 2 row units with seed hopper and lid.

DRIVE SYSTEM

Spring-loaded contact drive tire (4.10" x 6")
with #40 chain, two on 12-row, four on 16
and 24-row.

Two quick adjust seed spacing transmission
with machined sprockets, 7/8" hex shafts with
spring-loaded wing couplers.

TRANSPORT TIRES

Four - 7.50"x20", 6 ply tires on 8-row
Six - 7.50"x20", 6 ply tires on 12-16-24 row
Adjustable height wheels for ridge planting

TYPE LIFT

Master/slave hydraulics re-phasing with 4
cylinders on 8-row, 6 cylinders on 12-16-24 row

MARKERS

Low profile three-fold marker

HYDRAULICS

Dual SCV for independent operation of lift and
markers. Hydraulic sequence valve with flow
controls for markers.

OPTIONAL EQUIPMENT

Liquid Fertilizer
Granular Gravity Flow System Insecticide
Air Delivery Insecticide System
Electronic Seed Monitor

QUICK REFERENCE

PULL-TYPE CENTERFLEX, 12-row, 16-row, 24-row & 8-row rigid PLANTER

1 SAFETY

GENERAL SAFETY	1. 1
BEFORE, DURING, AFTER OPERATION	1. 1
UNHOOKING THE PLANTER	1. 2
STORING THE PLANTER	1. 2
PERFORMING MAINTENANCE	1. 3
TIRE SAFETY	1. 3
DRIVE LINE SAFETY	1. 3
HYDRAULIC SAFETY	1. 3
SAFETY STICKERS	1. 4

2 PREPARING THE PLANTER

LUBRICATION	2. 1
CHAIN TENSION ADJUSTMENT	2. 2
TIRE PRESSURE	2. 2
VALVE BLOCK INSPECTION	2. 3
TRACTOR HOOKUP	2. 3
LEVELING THE PLANTER	2. 4
TRANSPORTING THE PLANTER	2. 4
OPERATING SPEED	2. 4
FIELD TEST	2. 5
CHECKING SEED POPULATION	2. 5
UNHOOKING THE PLANTER	2. 6
STORING THE PLANTER	2. 6

3 FRAME

GENERAL ASSEMBLY	3. 1
8-ROW 30" RIGID FRAME	3. 2
12, 16, & 24-ROW CENTER FLEX FRAM	3. 3
ABOUT HYDRAULIC WING FOLD	3. 6
HYDRAULIC PLANTER LIFT OPERATIC	3. 7
HYDRAULIC WING FOLD ASSEMBLY	3. 8
PARTS -HITCH	3. 9
PARTS- LIFT AND DRIVE WHEEL	3. 11
PARTS- HYDRAULIC ASSEMBLY	3. 23
PARTS-CYLINDER ASSEMBLY	3. 27
PARTS-CYLINDERS AND SEAL KITS	3. 30

4 TRANSMISSION

SOWING DISTANCES	3. 1
PLANTING RATES 22" SPACING	3. 2
DENSITIES- SEED POP CHART	3. 3
PLANTING RATES CORN	3. 4
PLANTING RATES SOYBEAN	3. 5
PARTS - 8-ROW 30	3. 6
PARTS - 8-ROW 38, 12-ROW, 16-ROW	3. 8
PARTS - 24-ROW	3. 10

5 DRIVE

STANDARD TURBOFAN	5. 1
PTO SAFETY	5. 1
HIGH & EXTRA HIGH OUTPUT FAN	5. 2
PARTS- STANDARD TURBOFAN	5. 3
PARTS- HIGH OUTPUT TURBOFAN	5. 4
PARTS- EXTRA HIGH OUTPUT	5. 5
HYDRAULIC DRIVE	5. 6
PARTS - VACUUM GAUGE	5. 7
PARTS - MOTOR BRACKET, STANDAI	5. 8
PARTS - MOTOR , STND & HIGH OUTI	5. 10
PARTS - MOTOR BRKT, X-TRA HIGH	5. 12
PARTS - MOTOR , X-TRA HIGH OUTPI	5. 14

6 ROW UNIT

SEED DEPTH	6. 2
V PRESS WHEELS	6. 2
DEPTH GAUGE WHEELS	6. 2
DOUBLE DISC OPENERS	6. 3
DRIVE CHAIN	6. 3
SEED HOPPER	6. 3
DOWN PRESSURE SPRINGS	6. 3
SEED METERING SYSTEM	6. 4
REPLACING THE WEAR GASKET	6. 4
OUTSIDE LEVER ADJUSTMENTS	6. 5
METERBOX COVER	6. 6
INTERIOR SHUTTER ADJUSTMENTS	6. 6
TROUBLESHOOTING METERBOX	6. 7
EXTRA LARGE SEED	6. 8
DISENGAGING THE METERBOX	6. 8
SEED CHUTE & SEED DISC	6. 8
SEED DISC IDENTIFICATION	6. 9
SEED DISC RECOMMENDATIONS	6. 9
PARTS- ROW UNIT	6. 11
PARTS- METERING BOX	6. 13
PARTS- GAUGE WHEEL & ARM	6. 14
PARTS- UP / DOWN PRESSURE	6. 15
PARTS- HILLER DISC	6. 17
PARTS- CONCAVE PRESS WHEEL	6. 18
PARTS- CLOSING WHEEL	6. 20
PARTS- HOPPER	6. 22

7 OPTIONAL EQUIPMENT

HYDRAULIC LOCKING AND FOLDING

ROW MARKERS	7. 1.
-------------	-------

GANDY AIR INSECTICIDE	7. 2.
-----------------------	-------