



**Precision Vacuum Planters**

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**7" x 7" Mounted**

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**Operator & Parts Manual**

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**Includes Instructions for:**

- **Safety**
- **Operation**
- **Maintenance**

## INTRODUCTION

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### *Congratulations on your purchase of a MONOSEM planter.*

This manual has been prepared for use in operation, adjustment, and maintenance of the planter. Read this manual carefully before operating your planter.

The information used in compiling this manual is current, however as production changes do occur on a continual basis, Monosem Inc. reserves the right to change specifications or designs without notice and without the obligation to install the same on previously manufactured machines.


Please take the time now to record your serial number and date of purchase for a reference when ordering replacement parts for your Monosem NG Plus 4 planter.

Serial Number \_\_\_\_\_

Date \_\_\_\_\_

The WARRANTY for your NG Plus 4 planter is printed on the back cover.



While reading your manual you will see the symbol  and the words **CAUTION, WARNING, DANGER**. Pay particular attention to the safety information given. Failure to observe the safety symbols can cause damage to the machine and/or personal injury. A detailed description of the safety symbols and their meaning is found in the safety section of this manual.

#### ***2 precautions for successful planting:***

1. Choose a reasonable working speed adapted to the field conditions and desired accuracy.
2. Check proper working of the seed metering, seed placement, spacing and density when starting up and from time to time during planting.

*... and don't forget – accurate planting is the key to a good stand!*

**QUICK REFERENCE**

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**7" x 7" 3pt MOUNTED**

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## SPECIFICATIONS

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### 7" x 7" 3pt MOUNTED

**FRAME :** Three Point Mounted  
 Double Rigid Toolbar:  
     7"x7" Bottom Toolbar  
     5"x5" Top Toolbar

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

STANDARD ROW SPACING	WIDTH	WEIGHT*
4-Row 30	12'	2080 lbs.
4-Row 36-40"	14'	2160 lbs.
6-Row Narrow – 30" Rows	15'	2709 lbs.
6-Row Wide – 36-40" Rows	20'	2954 lbs.
8-Row Narrow – 30" Rows	20'	3476 lbs.
8-Row Wide – 36-40" Rows	25'	4180 lbs.
12-Row Narrow – 22-24" Rows (sugarbeets)	23'	4940 lbs.

\*The base machine weights include planter frame, drive components, tires and wheels, hydraulic cylinders and NG Plus 4 row units with seed hopper and lid.

### DRIVE SYSTEM

Ground Drive, 7.60x15" 6-Ply Tires  
 Two Drive/Gauge Wheels on 6-Row,  
 8-Row and 12-Row Narrow

### TRANSMISSION

End Mounted, Quick Adjusting Sprockets  
 One on 6-Row Models  
 Two on 8 & 12-Row Models

### MARKERS

Low Profile Single and Double Fold

### TURBOFAN

540, 450 or 1000 rpm  
 500 rpm High Output  
 540 Extra High Output

### OPTIONAL EQUIPMENT

Hydraulic Driven Turbofan  
 Electronic Seed Monitor  
 Microsem Insecticide System  
 Disc Hiller System, w/Flat or V Press Wheel  
 Lift Assist Wheels  
 U.S. Insecticide  
 U.S. Insecticide/Herbicide  
 No-Till & Minimum Till Attachments  
 Row Markers