

MONOSEM

Precision Vacuum Planters

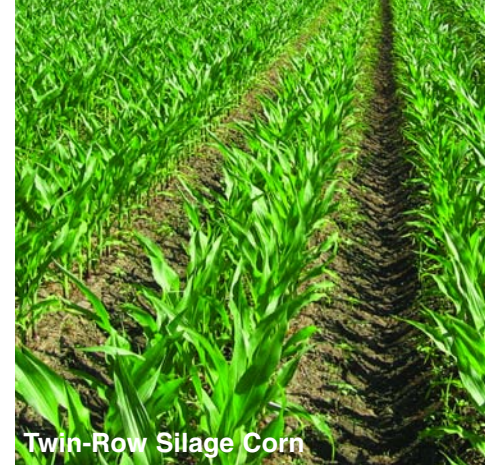
NG *plus* 3

the Original Patented
Twin-Row Planter

Corn, soybeans, peanuts, sorghum and beans have all shown **ADVANTAGES** !



8x2 Twin-Row with Stacking Toolbar Planting Corn in Mississippi



Twin-Row Silage Corn

Models Available: 2x2, 4x2, 6x2, 8x2, 12x2, 16x2, 18x2, 24x2
Pull Type or Mounted, Rigid or Folding, Custom Spacing Available!

Twin-Row Advantages

Better plant spacing

- less competition for nutrients and moisture
- better root development
- stronger plant

Quicker canopy

- controls weed pressure
- conserves moisture

One investment - harvested with conventional equipment



12x2 Twin-Row in Nebraska Planting No-Till Corn



Twin-Row Sweet Corn



12x2 Twin-Row in Mississippi Planting Soybeans



Twin-Row Soybeans

The Winning Combination

- **Monosem** combines precision planting with **Twin-Row** advantages to allow each plant to develop to its maximum potential!
- Data indicates an **8-16% yield increase** for Twin-Row crops compared to single row!
- Kip Cullers' **2007 World Record** Soybean harvest was planted with a Monosem Twin-Row.

Twin-Row crops are planted with a staggered seed drop, allowing for more growing room and quicker canopy than single rows. As a result of the Twin-Row configuration, roots have more growing room, and plants are able to absorb more sunlight, producing a healthier plant with higher yield potential. In university studies, the Twin-Row's rapid canopy closure helped to control weeds, conserve moisture, and reduce disease. Research stations, University studies and farmer studies also showed an 8-16% yield increase when planting in Twin-Rows. Monosem helps make these advantages possible with the precision spacing of our patented metering system. The Monosem Twin-Row helps you achieve higher yields, reduced input costs (less herbicide used), and precision planting every time!



Twin-Row Corn at Harvest

Harvested with conventional equipment

See the **results** of the **Monosem Twin-Row Advantage** at harvest - without purchasing **new** equipment.

NG Plus 3 Benefits and Features

End Mounted Transmissions

are easy to adjust and feature a #50 chain and a spring-loaded idler. Variable rate hydraulic drive is available.

No-till & minimum-till attachments

are also available

Staggered Row Units on one common toolbar allow for planting Twin-Rows in a single pass. This patented design also gives better residue flow and easier handling for transport.

Bulk Seed Delivery optional system available on some models.

Vacuum in the Top Toolbar eliminates a multitude of hoses!

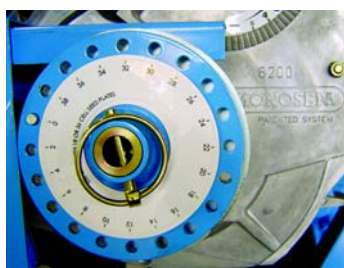
Large Heavy-Duty Plastic Hopper

a 2 bushel (60 ltr.) hopper is standard.



New!

Sync-Row™



Twin-Row Sync-Row™ System

Seed Stagger Timing System

Taking Twin-Row to the next level!

New Sync-Row™ timing system developed to maintain staggered seed drop. A more perfect stagger means potential for yield increases!

- Easily adjusted with a simple turn of the dial: less than 1 minute per Twin-Row pair!
- Adjusts the position of the seed disc to synchronize seed drop.
- Designed to maintain the staggered seed drop and create the diamond pattern.
- Population sensitive
- Developed specifically for corn.

FRAME

7"x7" DOUBLE TOOLBAR

Pull Type or Mounted planter

Rigid, Folding, or Stacking Frame

- 2 x 2 Row
- 4 x 2 Row
- 6 x 2 Row
- 8 x 2 Row
- 12 x 2 Row
- 16 x 2 Row
- 18 x 2 Row
- 24 x 2 Row

PLANTING UNIT

NG Plus 3, Monosem

METER TYPE

Vacuum

SEED DISC

Stainless steel

TURBOFAN

High output or

Extra high output

500 or 950 rpm

PTO or hydraulic drive

STANDARD ROW SPACING

30" to 40" centers

DRIVE SYSTEM

Ground drive

Two drive wheels on 2x2, 4x2, & 6x2

Four drive wheels on 8x2 & 12x2

Optional hydraulic variable rate drive

HITCH

Category II & III narrow and wide

Bolt on and adjustable lower links on bottom toolbar

Top link on top toolbar

HYDRAULIC ROW MARKERS

Single folding on 4x2

Double folding on 6x2

Triple folding on 12x2 & 16x2

Pull-Type

Rear folding on 8x2 & 12x2

Stacking

OPTIONS

Microsem Insecticide (toolbar mounted)

Liquid Fertilizer System

Air Insecticide System

Electronic Seed Monitors

No-Till Attachments

Bulk Seed Delivery

Sync-Row™ Seed Stagger Timing System

Monoshox No-Till / Min-Till Down Pressure System

SHIPPING WEIGHT (mounted, base planter only, options vary)

4 x 2-Row - 3569 lb, 1619 Kg

6 x 2-Row - 4559 lb, 2068 Kg

8 x 2-Row - 5960 lb, 2703 Kg

12 x 2-Row - 8360 lb, 3792 Kg

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