

SEEDSTAR™ 2

Control and monitoring for MONOSEM ground & hydraulic drive planters



MONOSEM FOUNDING PRINCIPLES

Seed planting is an investment and a crucial step in ensuring that crops reach their full potential.

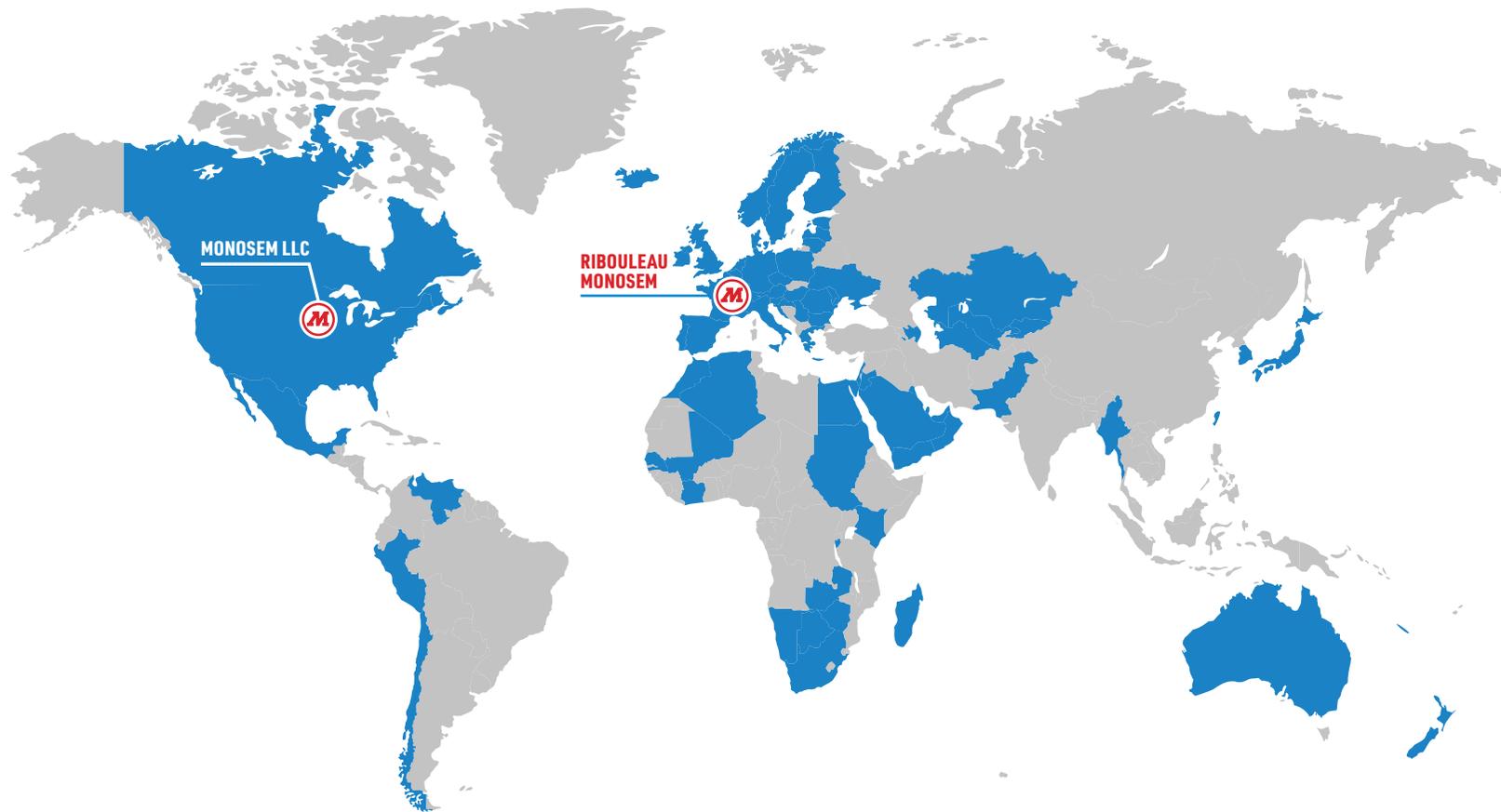
Over the decades, significant numbers of farmers in over **80 countries** worldwide have put their faith in **Monosem** technology.

This has led to a shared history spanning 75 years.

Having come to depend on our products' reliability, durability and agronomic performance, our customers now have further grounds to place their trust in us thanks to our technological innovations.

From planters to cultivators, intelligence is at the heart of all **Monosem** equipment.

Our goals rest on three pillars: innovation for agriculture, top-quality performance and intelligence-driven sustainability.



SEEDSTAR™2

Intuitive controls allowing real-time monitoring and planter management

SeedStar™2 software is used to control and monitor planting operations and is only compatible with John Deere displays. You can therefore control your planter from an older display, such as a 2630 or Gen4, or a newer **G5** and **G5 Plus display**.

KEY FEATURES OF THE SEEDSTAR™2

- Variable-rate drive
- Displays seed population and singulation quality data (seed skips and multiples)*
- Allows you to monitor seed metering data (population, spacing consistency)
- Seeding rates can be controlled using the display
- Target population
- Working speed
- Settings library for your different seed types/varieties
- Compatible with RowCommand™ (NG+4 only)
- Can be used with Ground or Hydraulic drive planters

*singulation quality data not available for high population crops with close seed spacing

SeedStar™2 can be added to existing Monosem planters



PLANTER COMPATIBILITY



NG+4



MS

SeedStar™2 Reference Guide

Your guide to smarter planting

With Optional RowCommand™

Drive Status Bars

Green Bars: Section active and ready to plant.

Black Bars: Section deactivated manually by operator.

Outlined Bars: Section deactivated by SwathControl™ command (when activated).

Bars Not Visible: Section active, but cannot be controlled manually or with RowCommand™

RowCommand™ Buttons: Select buttons to turn sections on and off manually.

Planter At a Glance

Black bars indicate row is planting normally.
 Orange bars indicate row is planting above or below alarm setpoints.
 Red bars indicate row is not planting.

Drives Status ICON

Clutch Icon: Sections can only be controlled manually by operator.

Section Icon: Sections are controlled by John Deere Section Control™ (when activated).

Getting Started

- Planter – Main:** Select for planter main run screen.
- Planter – Configuration:** Select to change planter frame, drives, and sensor configuration.
- Planter – Rates:** Select to change crop type, rates, and meter configuration.
- Totals:** Select to view planted area, hours, and calculators.
- Diagnostics:** Select to view sensor readings and fault codes.

Population and Rates

Target Seeds per Area displays the desired seeding rate entered in Planter Rates Setup. On VRD machines, select this button to toggle between programmed rates including Rx prescriptions (Rate 6, VRD only).

Average Seeds per Area displays the actual average rate planted. Select button to toggle between whole planter average and drive section average.

Other Useful Buttons

- Toggle Home Screens
- Enter, Done, Save, Finish
- Toggle
- Rotate Seed Meters
- OS Reset
- Quick Start Reset
- Cancel

VRD Status

1. No Activity	2. Wheel Motion, Sensor Active
3. Planter Lowered	4. Drives Engaged

Planter At a Glance

Black bars indicate row is planting normally.
 Orange bars indicate row is planting above or below alarm setpoints.
 Red bars indicate row is not planting.

Drives Status Bar

Green bar indicates that clutch or motor is engaged and drives are active.
 Grey bar indicates that clutch or motor is disengaged and drives are inactive.

RowCommand™

Only Available for NG+4

Command every row, maximize every acre

These days, no one can afford to waste seed. Which is why more farmers are investing in RowCommand™ Row-Control System, so you can put seed exactly where you want. Over-planting of point rows and on headlands will no longer be a problem.



How does it work? Ground and Hydraulic driven planters use an electric clutch on each row and a controller in the cab providing up to 16 sections.

Operate the system manually by using the in-cab controls or opt up to the gold standard in precision planting by pairing RowCommand™ with John Deere Section Control.

This software allows you to turn planter sections or row on and off automatically based on GPS.

JOHN DEERE OPERATIONS CENTER™

Manage your operation. Anytime. Anywhere.

SeedStar™2 seamlessly integrates with John Deere Operations Centers™ for enhanced data management and precision farming insights when paired with the proper John Deere components.



JDLink™ Modem¹

- Stream operation and machine data.
- Get connected support from your dealer.
- Works on older machines and other brands.
- Sync to John Deere Operations Center™ for more informed decision-making and planning.

¹Activation required. Some additional accessories and/or components may be required. JDLink requires a cellular connection to transfer information from machine to JDLink website. Consult your John Deere Dealer for coverage availability.



G5 Display²

- Bigger, high-resolution display for easy readability.
- Faster processing boots up quicker in the cold.
- Base includes Data Sync, Documentation, OTA Updates, and Remote Display Access.

²G5 display not required to use SeedStar™2. Any John Deere display, 2630 or newer, can be used to operate and record SeedStar™2 data.



StarFire™ Receiver

- Reduce your guesswork with more accuracy.
- Enable hands-free guidance capabilities.
- Consistent boundary settings every year.
- Easily adopt new technology at your pace.

Plan. Setup. Monitor. Analyze.

Simplify in-cab set up by planning work before operators begin field work.

Set up and manage your entire farm, including equipment, fields, products, and team.

Keep a pulse on your equipment and fields to ensure the right work is being done at the right time.

After work is done, evaluate your results and use precise data to determine what worked best as you being planning next season.

JOHN DEERE OPERATIONS CENTER™

Run a stronger operation

What do you do with all your data once you've collected it? Put it to work for you with John Deere Operations Center, where you have the ability to turn your valuable information into a plan for action. Collect data easily, review to make accurate decisions and share with your trusted advisors. Within this online portal, you can see average yield, total yield, average moisture, seeding variety and rate and more. Every time you're done seeding a field, that information is waiting for you in the Operations Center to make adjustments and improvements for the next year.



MONOSEM

Enhanced precision

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All the information concerning the different types of equipment, including external appearance, weight and dimensions, was correct at the time of printing and may vary from country to country. The information may be modified by us without prior notice. This document may not be regarded as a binding in any way. Your Monosem dealer will certainly notify you of any changes. To illustrate this document, certain protective devices may have been removed from equipment. However, this remains exceptional. As indicated in the user instructions, these devices should never be removed.



Monosem is committed to the environment