



VISUM

SEEDER RF

Every Run - Every Acre - Every Time

Real Time assurance that you are seeding and applying fertilizer on every run - every acre





What are the effects of a blocked seed / fertilizer run?

A blocked seed or fertilizer run can lead to severe consequences, including:

Yield Loss: Blockages create skips or gaps in the field, resulting in:

- inconsistent plant density
- uneven crop growth
- a reduction in the overall yield potential, which translates to direct financial losses.

Operational Downtime and Inefficiency: Identifying blockages manually requires:

- stopping the equipment
- inspecting lines
- troubleshooting - which is time-consuming, especially during critical planting windows.
- The Visum Seeder RF instantly alerts the operator to the exact location of the problem, allowing for quick resolution.

Increased Input Costs: Undetected blockages lead to the inefficient use of expensive seeds and fertilizers:

- some rows may be over-applied while others are missed entirely.
- Replanting missed areas further increases labor and input costs.

Poor Crop Establishment: Inconsistent seeding can lead to:

- emergence of invasive weeds in the empty spaces, further impacting crop health and management needs.

Proven wireless technology

Industry Leading Seed/Fertilizer Sensing Attaches to outside of hose Displays flow variation and blockage

- Monitor 1 or 2 products (air streams) 120 rows per product (240 rows total)
- Resistant to dust, dirt, water and corrosion
- 4000 WORKING Hour Battery Life (field replaceable)
- Connects to the ISO Network and displays on existing VT
- No wires or tubes
- No restriction to product flow
- Attach sensor to the outside of hose - DONE!
No cutting, No drilling, No cables, No Zip Ties



Visum Seeder RF Flow Monitoring System for every row

Real Time Wireless Seed Row Information System

Monitoring Every Row - All The Time

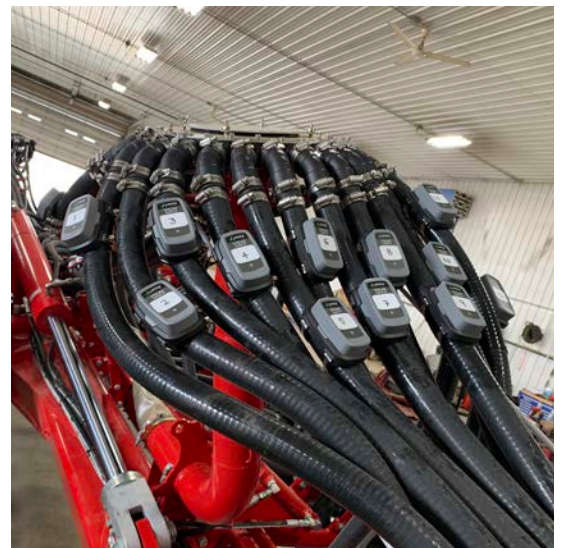
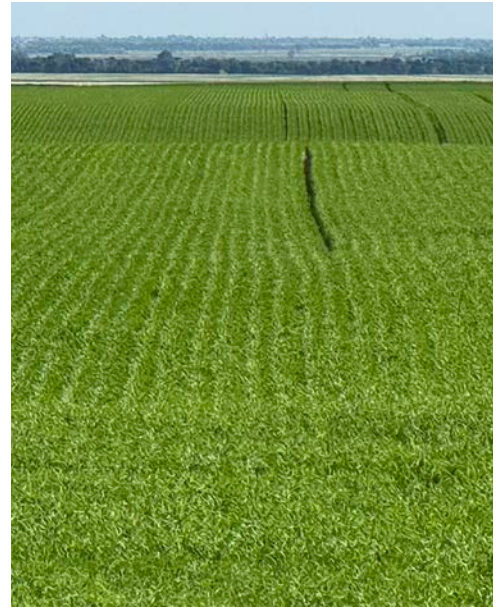
Installs on outside of hose

Notification of drop in overall product flow

Tank lid not latched

Product is bridged up in tank

- Notification of any flow change
- Variation from manifold, or individual row
- Monitor 1 or 2 products (air streams)
- Up to 120 runs per product (240 total)
- Unaffected by issues that plague other systems
 - Not affected by static
 - Not affected by dust
 - Not affected by seed treatments
 - Does not go inside the hose - no restriction
- No Wires
- No Tubes
- No Modules
- The majority of troubleshooting relates to cables and connections - no cables or connections with the Visum System



Visum Seeder RF Zone Flow Monitor System



Install a Visum Seeder RF wireless sensor in each tower for Zone Blockage monitoring

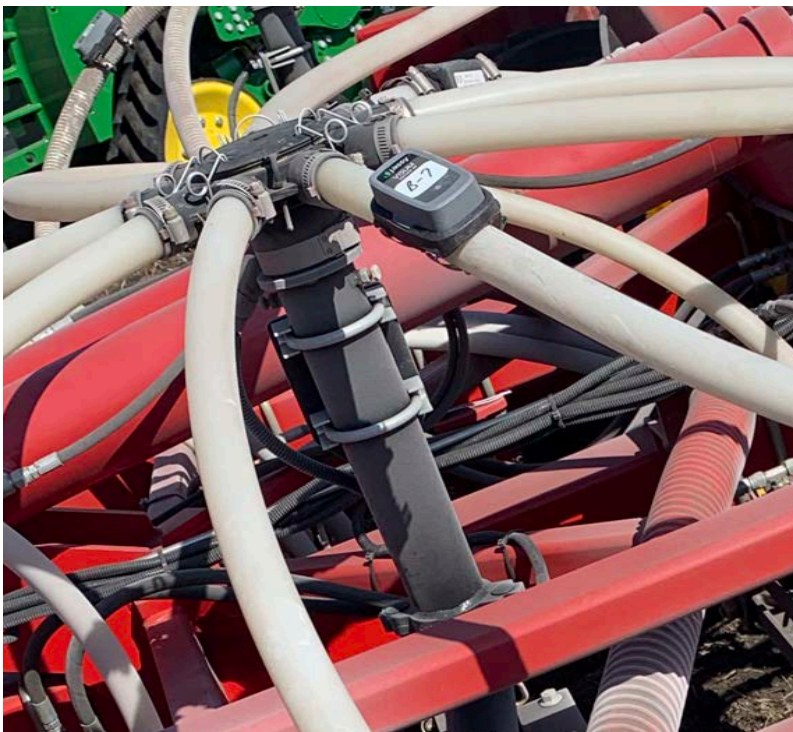
Monitor manifold distribution and see if any variation of an entire manifold being plugged.

Plugged runs and manifolds will show up when the seeded area emerges.

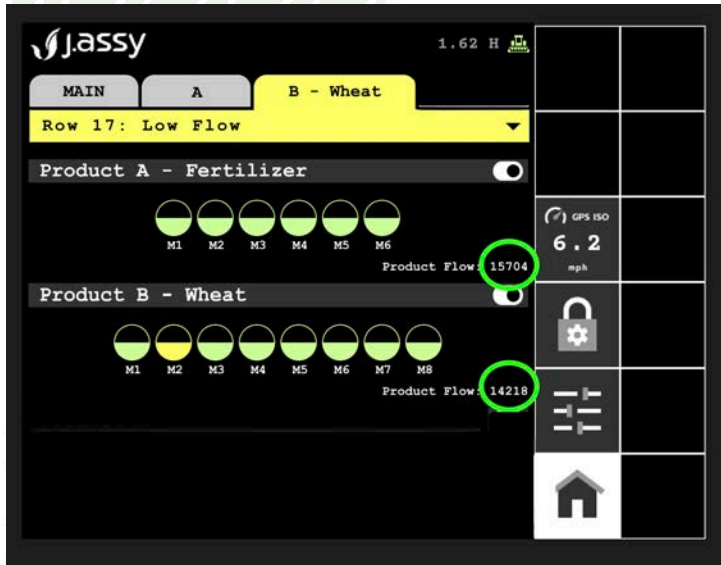
Stop these skips and distribution variations with the Visum Seeder RF System

Eliminate unseeded areas due to a plugged manifold when using Zone Blockage monitoring.

Eliminate skips - identify any plugged run when monitoring every row.



Visum Seeder RF Operation



Seeder RF - Home screen on VT

2 Air Streams (products) displayed

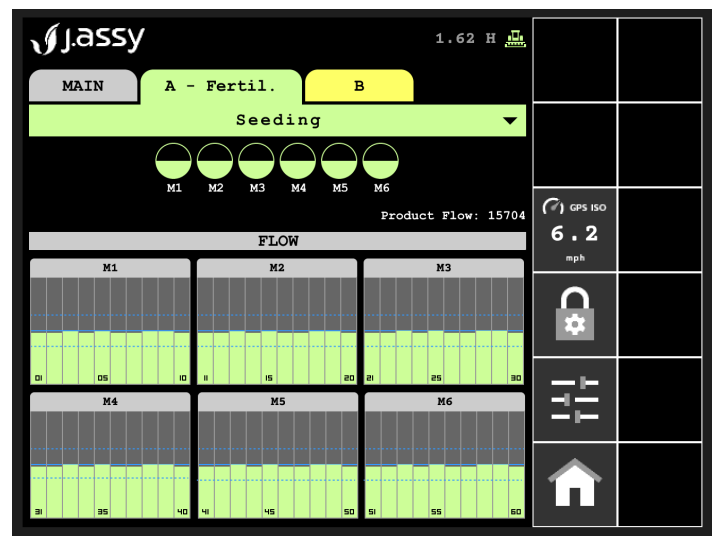
Overview of manifolds and row performance

- Product A shows proper distribution
- Product B shows that distribution is acceptable, but a variation on Manifold #2

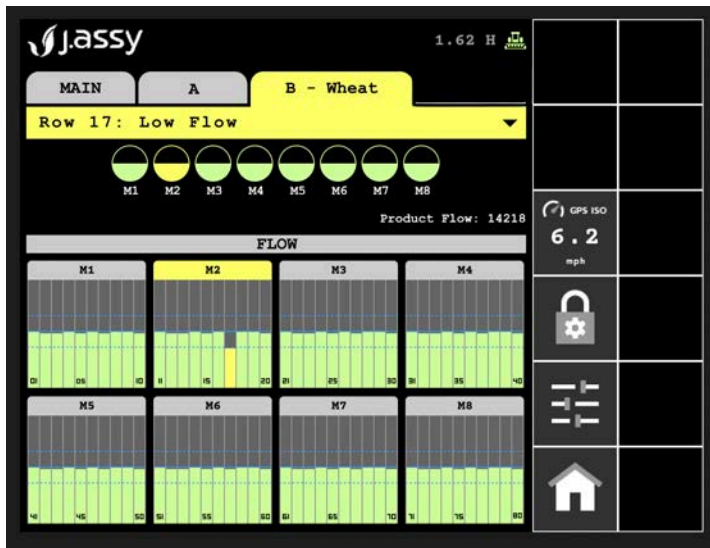
Details Screen for Product A

Overview of manifolds and row performance

- Product A shows proper distribution
- Each row is within the threshold settings



Visum Seeder RF Operation



Details Screen for Product B

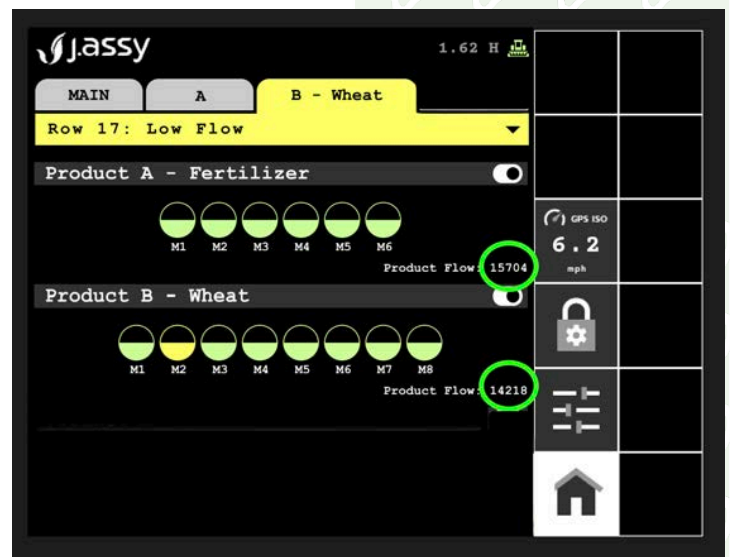
Overview of manifolds and row performance

- Product B shows flow issue on row 17
- Row 17 has seed flow, but is below the lower threshold set

Product Flow Number Displayed

Each product has a product flow value when operating

- Product flow is an arbitrary number based on the product flow
- Flow to each row may be occurring, but there may have been a drop in overall flow
- Tank lid was not latched
- Product has bridged inside tank
- Tank empty



Specifications.



- ISO ECU Supply voltage: 10Vdc to 30Vdc
- Monitor Omni-directional antenna, 5dBi, 50 Ohms
- ISO ECU Resistant to dust and water splash.
- 2.4GHz radio frequency communication
- External antenna on the Visum ISO ECU
- Internal antenna on the Visum Sensors
- Sensor - Resistant to dust and water jet.
- Fits hose size range from 3/4" ID to 3 1/2" ID.
- 2-Year Warranty



Seeder RF System Configurator

Air Drill/Seeder Make _____ Model _____

Air System/Metering Make _____ Model _____

Number of air streams _____

	<u>Airstream 1</u>	<u>AirStream 2</u>
# of manifolds	_____	_____
# of Rows	_____	_____
Row Spacing	_____	_____
Hose Size (ID)	_____	_____

ISO Product Rate Control Make _____ Model _____

Section Control Yes _____ No _____

ISO Port on tractor used? Yes _____ No _____

In-cab ISO display Make _____ Model _____

2026 System Pricing:

Part Number	Description	List Price
30000000056	Visum Seeder RF ISO ECU Kit Includes ECU with magnetic mount, Remote antenna with magnetic mount, Harness to connect onto the ISO network via 6-pin Delphi connector.	\$1,796.70
30000000700	Visum Seeder RF Sensor (specify clamp size)	\$243.80
30000000429	Lift/Work Switch Kit	\$339.20
10000001297	#24 Stainless Steel Hose Clamp (1" ID Hose)	\$1.27
10000004093	#28 Stainless Steel Hose Clamp (1 1/4" ID hose)	\$1.27
10000001300	#32 Stainless Steel Hose Clamp (1 1/2" ID Hose)	\$2.01
10000001299	#40 Stainless Steel Hose Clamp (2" ID Hose)	\$2.12
10000004094	#48 Stainless Steel Hose Clamp (2 1/2" ID Hose)	\$2.33
10000004092	#52 Stainless Steel Hose Clamp (3" ID Hose)	\$2.44
10000004091	#60 Stainless Steel Hose Clamp (3 1/2" ID Hose)	\$2.65



Pricing effective January 1, 2026

Prices subject to change without notice

2026 System Pricing:

ISO Cables and Adapters

Part Number	Description	List Price
30000000280	ISO CAN/Power adapter cable - AgLeader Harness to connect onto the ISO network via 6-pin Delphi connector. AgLeader RCM	\$143.10
30000000281	ISO CAN/Power adapter cable - Deere/Raven Harness to connect onto ISO network via 12-pin connector Deere RCM / Raven RCM	\$143.10
30000000282	ISO CAN/Power adapter cable - Dickey-john Harness to connect onto ISO network via 4-pin connector Dickey-john RCM	\$143.10
30000001220	ISO CAN/Power adapter cable - Raven Gen 3 Harness to connect onto ISO network via 19-pin circular connector Raven RCM / Gen III harnessing	\$143.10
10000001467	IBIC ISO Y-Cable kit - 9-pin (17') Connects to ISO Tractor port when existing ISO cable is connected to tractor port with no place to connect adapter cable (Required for Horsch Avatar Drills)	\$700.00
30000000516	IBIC ISOBUS cable kit - 17' Connects to tractor ISO port when no ISO cable is present	\$1,267.66
30000000521	IBIC ISOBUS cable kit - 36' Connects to tractor ISO port when no ISO cable is present	\$1,542.55
30000000522	IBIC ISOBUS cable kit - 55' Connects to tractor ISO port when no ISO cable is present	\$1,881.74

Pricing effective January 1, 2026

Prices subject to change without notice



Jay Beedy
Sales Representative

jay.beedy@jassy.ag

(612) 239-4801

Visum Wireless Blockage Monitors

For Fertilizer
For Seed
StripTill Applicators
Air Seeders

Visum Wireless Seeder RF

Relative Flow Monitor
For Seed
For Fertilizer
For Combination Seed & Fertilizer

Visum AirFlow Wireless Blockage Monitors

For Air Boom Fertilizer Applicators

Selenium Planter Meter Assemblies

Ground Driven or Electric Drive
Quick change crop kits

Apollo Crop Kits for vSet2 meters

Ag technology innovation connected to the field

"Create the best products in the market that can be considered as real artworks by farmers."