reflex®
Intelligent injection control for Variable Rate Fertigation®

Higher Yields Any Crop

800-446-5328 | www.agri-inject.com
In agriculture today, precision is important. Especially, in the fertilizers and chemicals that are applied. Irrigation applications have become increasingly variable based on the crop, soil type, sprinker speed, corner swing arms, and more. Therefore, it is crucial that you achieve accurate injection by use of a system that can respond to these changing conditions. Introducing reflex®, the Intelligent Injection Control system from Agri-Inject®. The reflex responds immediately to irrigation changes. Technology in the reflex panel allows the injection pump to be precisely proportional to the flow of the irrigation system. The changing water flow rates are sensed automatically and adjustments are immediately made to the rate of the injection pump to ensure consistent coverage over every square foot of your field.

### Variable Rate Fertigation®

**Definition:** The utilization of chemigation injection equipment, namely electronic and power controllers, to deliver precise amounts of chemicals to selected areas of a crop. The technology is utilized for metering liquid fertilizer, insecticides, herbicides, fungicides, soil amendments, pH modifiers, and wetting agents into agricultural irrigation distribution lines.

As the pioneer of Variable Rate Fertigation®, Agri-Inject has perfected the VRF® technology with the reflex® system, delivering higher yields and ensuring crop health for many years to come.

**Used for:** Corner pivot irrigation systems, variable rate irrigation systems, drip irrigation, golf courses, athletic complexes and zone-based variable rate irrigation systems.

- Varies the injection rate proportional to flow
- Enables Variable Rate Fertigation®
- User-friendly control panel with backlit touch screen
- All simplex or duplex pump configurations available
- Acid and chlorine compatibility
- Compatible with various flow meters
- Available in three phase, 240 or 480 volts, and single phase 115 or 230 volts

### Key Product Features

- Rugged, IP67 power connectors (incoming and outgoing). Simple to operate. Quick connect and positive locking. Designed/rated for the appropriate power voltage and amp loads.
- With reflex technology, the changing irrigation flow rates are sensed automatically and adjustment are immediately made to the rate of the injection pump to ensure consistent, fertilizer dosing.
- Setting up the reflex panel to work properly with virtually any type of irrigation system is simple. The touchscreen panel allows the user to configure the system for flow settings, sensor information, injection pump settings, and more. In less than five minutes, reflex is programmed and ready to work.

### Future of precision agriculture

Today we’re on the doorstep of dynamic growth of precision farming within the global agricultural industry. Agri-Inject products are perfectly in sync with precision agriculture. They are the cost effective way to apply precise amounts of fertilizer and crop protection products at precisely the right times during the growing season. That’s a sound “precision strategy” for improving yields and ensuring crop health for many years to come.

### Where to buy

Agri-Inject products are distributed globally through an authorized dealer network. Each dealer has a solid reputation for responsive service and technical support. When you’re irrigating, you can’t afford to wait for answers. You’ll find the support you need from Agri-Inject just around the corner.
Problem: Zones lacking sufficient fertilizer coverage
When the swing arm extends to cover the additional acres in the corners, the overall crop in that area is under fertilized, resulting in lower yields.

Solution: reflex® Proportional Injection Systems
The addition of a reflex® Proportional Injection System automatically increases the fertilizer injection rate for the increased flow through the irrigation system when the swing arm is extended.

The result is even, sufficient fertilizer coverage over every square foot of your field. When you add a reflex system to your corner pivot irrigation system, the yield increases are dramatic.

Other applications include:
Corner pivot irrigation systems, variable rate irrigation systems, drip irrigation, golf courses, athletic complexes and zone-based variable rate irrigation systems.

Corner pivot without reflex
Up to 50 acres on a quarter section machine are at risk of under fertilization

Eliminate the guesswork of pump selection and pump rate calibration.

DOWNLOAD THE APP TODAY!

APPLY→yourself®

Exclusively from

AGRI-INJECT

Because irrigation can deliver more than just water.

Authorized Agri-Inject Dealer

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