Fluid injection technology systems for precise control over what happens on your course.
Your irrigation system should do more than just water your course.

Agri-Inject makes that happen.

Agri-Inject: A pioneer in fluid injection technology since 1983.

Applying fertilizer and crop protection products through irrigation systems with Agri-Inject fluid injection technology just makes sense—economically, agronomically and environmentally. You can put Agri-Inject technology to work in virtually any situation—from row crops to vegetables, from fruit to nuts, from turf to hay.

Precisely.

With fluid injection technology from Agri-Inject, you can:

- Apply a wide range of products through your irrigation system: fertilizer, insecticides, herbicides, fungicides, soil amendments, acid products, wetting agents and more.
- Reduce costs of chemicals, fertilizer and application labor for bottom line returns.
- Manage for better turf health through season-long application at levels that make sense economically—and for your golf course.
- Achieve greater control of timing, input costs, application costs and response to course threats.
- Be confident that you are being environmentally responsible and improving safety on your course.
Intelligent engineering and rugged construction. Agri-Inject systems are smartly designed to be easy to use, easy to install and incredibly precise and reliable. At the same time, they are built to stand up to the elements and less-than-ideal conditions.

One-of-a-kind, high accuracy pumps you can count on. Agri-Inject systems are powered by diaphragm pumps manufactured exclusively for us by Milton Roy. Agri-Inject pumps are hands-down the most accurate, reliable and long-lasting pumps available—and you can’t get them anywhere else. If you don’t see the signature yellow pump, it’s not an Agri-Inject system!

Complete systems, ready to install. It doesn’t matter which Agri-Inject system you choose—every system comes with everything you need including our patented Ultra Mister Mist’r® Injection Check Valve, discharge hose, filter and switch. Oil for your pump, calibration instructions, gloves—it’s all there!

Proven over the long haul. Agri-Inject has been a leader in fluid injection technology since 1983. We have a track record of reliability, precision, innovation and results spanning hundreds of thousands of acres and dozens of crops and turf across six continents.

Design details that make a difference. After three decades of leadership in fluid injection technology, we’ve built in features that improve performance, convenience and long life. Cone-shaped tank bottoms for complete emptying and easy washout. Easy-fill tank openings. Domed tank tops that direct rain away from the tank. Wide, rugged bases that prevent tipping. And many more...

A network of dealers who know their stuff. Your local Agri-Inject dealer is your source for fluid injection technology from Agri-Inject. Your authorized Agri-Inject dealer is well versed in the benefits, installation and service of your system—and can work with you to select the Agri-Inject technology that matches your course and your objectives.
Our patented Ultra Mister Mist’r® Injection Check Valve (U.S. Patent No. 6,230,982) sets the industry standard for injection innovation. Its four-way spray design essentially atomizes the injected product and evenly distributes it into the irrigation water flow. The moving parts are continually cleaned by the moving water. Available in corrosion-resistant plastic or stainless steel for high-volume applications.

Mister Mist’r also serves as a positive two-way check valve to prevent backflow of water into the system tank—and to prevent accidental leakage of chemical into the mainline water stream during shutdown. Mister Mist’r has been approved as a chemigation check valve by all state and federal regulatory agencies, so you are assured that your Agri-Inject system is in compliance no matter where you are!

Bleeder Valves Agri-Inject bleeder valves are used in combination with the Mister Mist’r® Injection Check Valve as a means of bleeding airlines and aiding in pump priming.

If it isn’t a Mister Mist’r, it’s just a poor imitation!
11 reasons you should add an Agri-Inject system to your golf course.

**Perfectly in sync with precision application.** Agri-Inject is all about precision—applying the precise amount of fertilizer and turf protection products at precisely the right times during the season. That's a sound strategy for ensuring turf health all season long.

**Reduced fertilizer and chemical costs.** With Agri-Inject, you can apply less product without sacrificing results, because you’re able to apply more precisely and completely across the course.

**Versatility and flexibility.** Agri-Inject systems are available for a wide variety of applications, situations and products—and duplex systems can be used for a number of different products.

**Improved effectiveness of inputs.** Many products have been proven to be more effective when applied through irrigation. With Agri-Inject, you can use less fertilizer or chemical without losing effectiveness.

**Simple, easy calibration.** You don’t need an engineering degree to operate an Agri-Inject system. Calibration is extremely easy, accurate, intuitive and repeatable.

**Environmentally sound.** Lower rates of chemical and fertilizers help you provide what your course needs while reducing the environmental impact. With Agri-Inject, there are other benefits of reduced drift and reduced labor and energy costs. Agri-Inject also offers contain-ment options to provide even further assurance of environmental safety.

**Uniform coverage.** With an Agri-Inject system, you get complete and uniform coverage across your entire course. No “hot spots.” If it’s getting water, it’s getting fertilizer or chemical—dispersed evenly and completely with your Agri-Inject system.

**Improved safety.** Handling of chemicals is greatly reduced with an Agri-Inject system, so operator exposure is minimized and the chance for spills is diminished.

**More timely than a ground sprayer. And less expensive.** You can apply what your turf needs, when it needs it—and do it at a lower cost. Unlike a ground sprayer, there is no need to shut off your irrigation system and stop watering to apply product.

**Cost savings year after year.** Your one-time investment in an Agri-Inject system pays you back application after application, season after season—through reduced chemical and fertilizer costs and increased efficiency.

**Outstanding service and support.** Agri-Inject is known far and wide for its responsive service and technical support. We work closely with you and your authorized Agri-Inject dealer to address any concerns, questions or warranty issues. When you’re irrigating, you can’t afford to wait for answers. We get that.
The Agri-Inject Line-Up of Fluid Injection Technology Systems

Standard Chemigation Systems

*Precise application of inputs as you irrigate.*

**Used for:** Applying fertilizer, herbicides, insecticides, fungicides and other fluids.

**Tank Capacities:** 70, 110, and 200-gallon tanks available.

- Easily fitted to most center pivot, linear sprinkler, drip and solid set irrigation systems
- Quickly and easily moved from one area to another
- 60- and 90-gallon containment units available for added environmental safety

Large Capacity Chemigation Systems

*For bigger jobs and heavier products in suspension.*

**Used for:** Large-scale application of highly viscous—even slurried—materials through irrigation systems, including gypsum, potash, ground calcium compounds and other organic soil amendments.

**Tank Capacities:** 300, 400, 500 and 600-gallon tanks available.

- Keeps even the heaviest materials in suspension for uniform application
- Powerful pump and agitation system for high performance and long life
- Works with any irrigation system
Fertilizer Injection Systems

*Feed your course exactly what it needs, precisely when it needs it.*

**Used for:** Precise and complete application of liquid fertilizers through irrigation systems, allowing you to feed your turf throughout the growing season.

**Pump Sizes:**
- A/P Series: 5.6, 11, 18 & 30 gph
- 18/18 & 30/30 available on duplex
- D Series: 25 and 50 gph
- G Series: 55, 110, 150 and 310 gph
- MRoy B: 57 and 85 gph simplex; and 57/57 and 85/85 gph duplex
- MaxRoy: 190 and 227 gph

▶ Draw fertilizer from a bulk tank and inject uniformly into irrigation stream
▶ Easily adjustable without shutting down the system
▶ Precise metering and pumping accuracy with the simple twist of a knob
▶ Duplex configuration available with independent control of two pumping heads from a single system
▶ Acid compatibility

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Insectigator III™ Systems

*A pivotal strategy in managing pests.*

**Used for:** Precise application of low volumes of insecticides and fungicides to quickly address threats to the health of your turf.

**Tank Capacities:** 10, 20, and 30-gallon tanks available

▶ Adaptable with many power configurations: single phase, three phase and 12Vdc applications
▶ Mixer option available on all sizes
▶ Engineered to prevent damage from corrosive chemicals
▶ Lightweight with molded handles for easy transport
**Proportional Injection Systems**

*Even greater precision and control in variable rate irrigation systems.*

**Used for:** Golf courses, athletic complexes, zone-based variable rate irrigation systems, or any system with a variable speed pump drive.

**Sizes/Capacities:** 30 simplex and 30/30 duplex; other sizes available

- Varies the injection rate proportional to flow
- Can also adjust to pH, changing pumping rate to maintain pH target
- User-friendly control panel with LCD display
- Simplex or duplex pump configurations available
- Acid and chlorine compatibility

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**Agri-Inject: A proven company with the heart of a farmer.**

Born in the fields of Yuma, Colorado in 1983, Agri-Inject has never strayed from its roots. The company was created by a farmer—and we’re still here in the heart of agriculture, developing technology and products that help customers of all types get more out of every dollar they invest in every acre.

We’re committed to helping customers around the world become more efficient and more profitable through fluid injection technology. Discover how Agri-Inject can transform your irrigation system into a finely-tuned, cost-efficient delivery system for fertilizer and turf protection products.
Fluid injection technology from Agri-Inject provides ultimate control and confidence.

With Agri-Inject technology, including easy-to-use proportional injection systems, you’ll enjoy precise control when applying fertilizers, pesticides, turf care products and other concentrates through your existing or new irrigation system. Since Agri-Inject allows for precise, consistent and proportional application rates, you can reduce input costs without sacrificing effectiveness and results on your golf course.