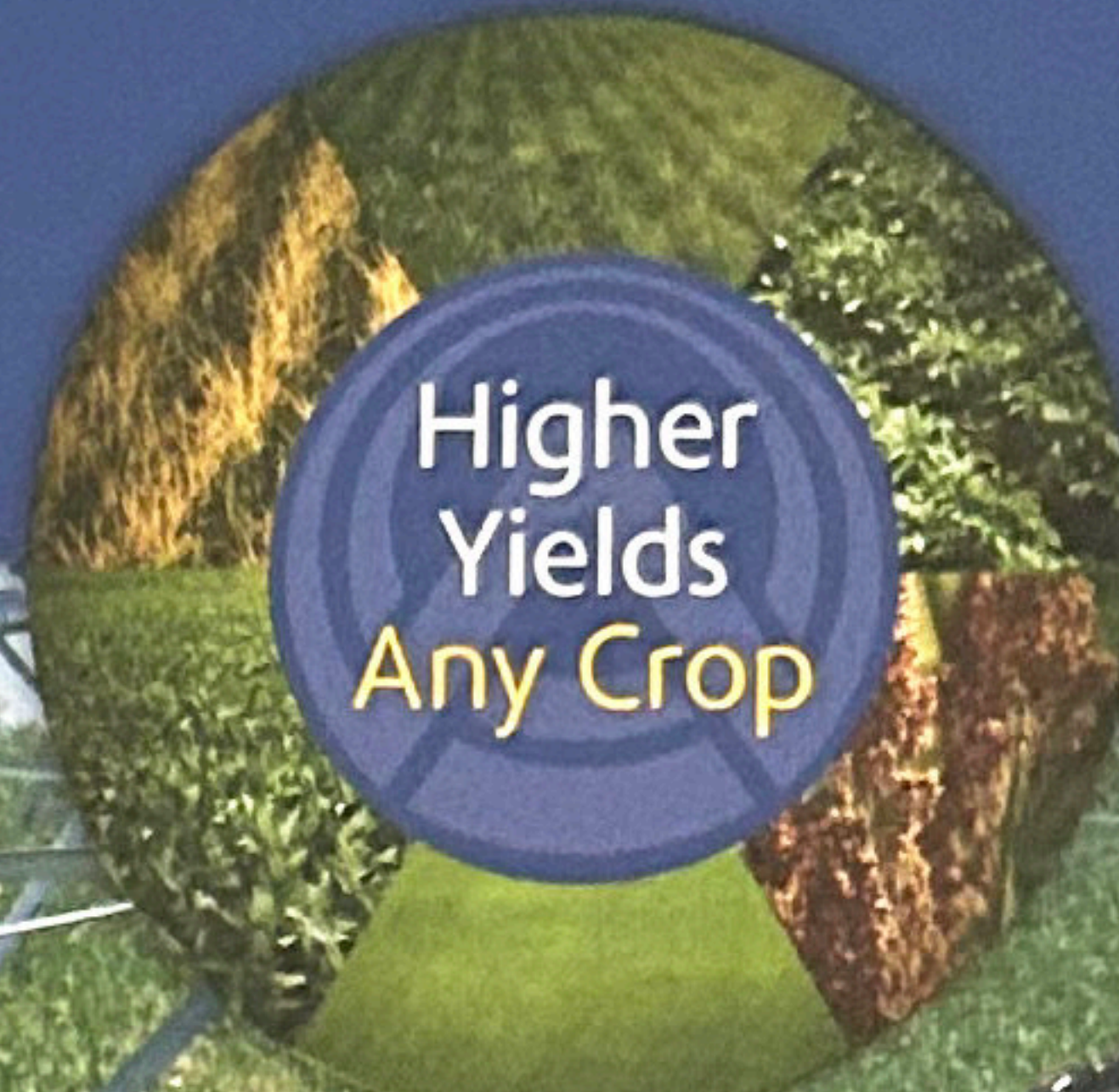


▶ **MacRoy Series G Metering Pumps**
Accuracy and reliability for large-volume fluid injection.

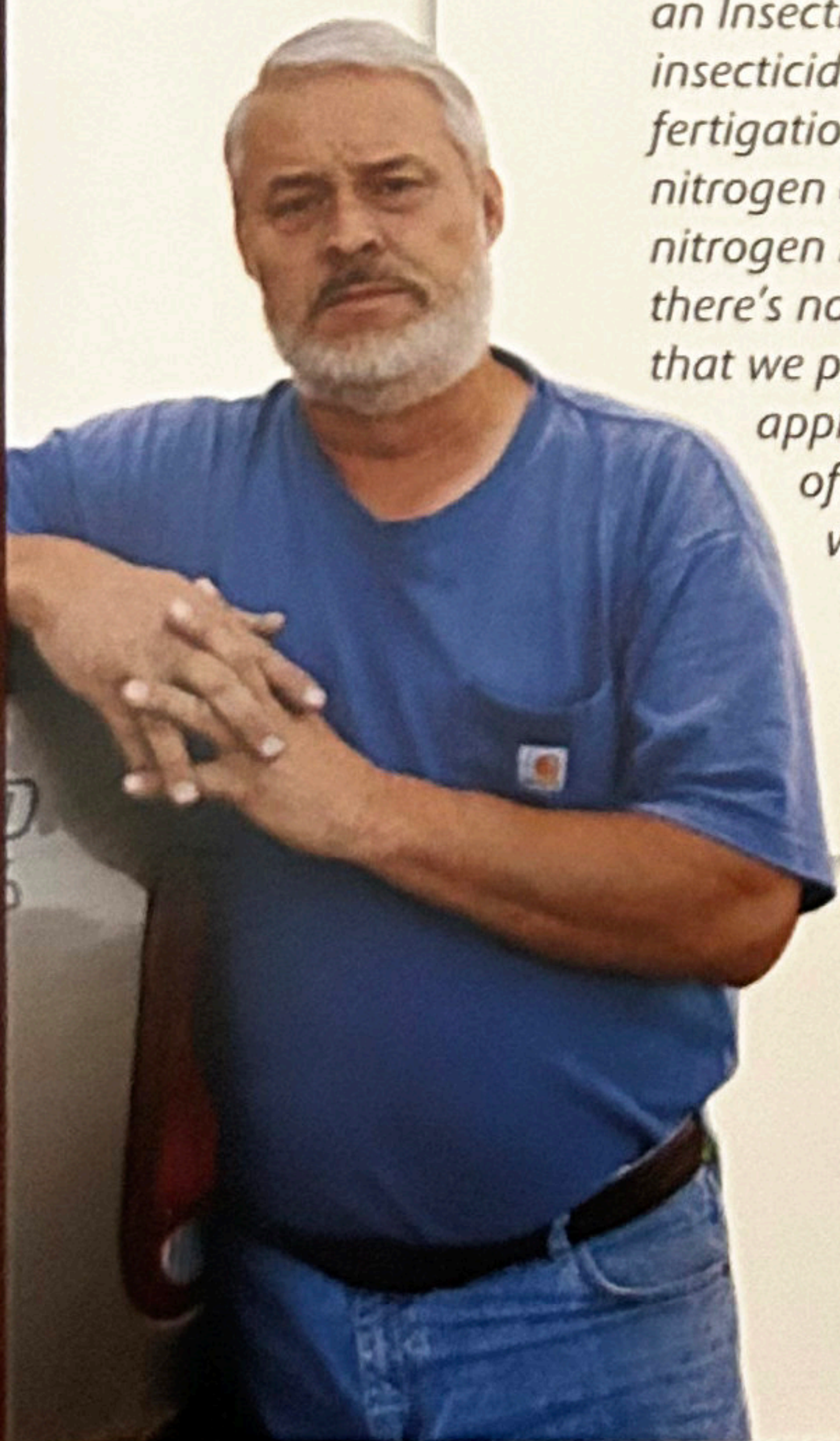


Higher Yields Any Crop



"I'm actually using two different Agri-Inject units. One is an Insectigator that I use to apply a mix of fungicide and insecticide on corn-on-corn, while the other is a 110-gph fertigation system that is used for split applications of nitrogen on corn. Articles I've read say that 100 units of nitrogen is all that corn can handle at one time. Of course, there's no way we could put on the 275 units of nitrogen that we put on during the season in one or two applications. So we're applying a large part of it through the pivot so the plants get it when they need it most. So far, I've been really pleased with the system and the results."

- Joel Armistead, Adairville, Kentucky



▶ MacRoy Series G System Pumps For High Volume, Top Efficiency

The MacRoy Series G line of metering pumps from Agri-Inject™ are designed specifically to provide operating efficiency and economy for large-scale fluid injection projects. MacRoy Series G Pumps are ideal for precisely applying fertilizer, insecticides, herbicides, fungicides, soil amendments, acid products, wetting agents and more. The high quality pumps are engineered and constructed to handle high viscosity fluids and non-soluble materials in slurry form with ease.

- ▶ The system includes the base, control switch, filter assembly, Mister Mist'r®, discharge hose, start-up kit and Apply Yourself™ App in a complete turnkey package.
- ▶ Only two major moving parts with oil bath lubrication for reliable operation and minimum maintenance.
- ▶ Leak detection port for oil/chemical leak.

Key Product Features

| MODEL | Operating Range | Maximum Discharge Pressure | Three Phase and Single Phase | 12-volt DC |
|-------|------------------------------------|----------------------------|------------------------------|-----------------|
| G55 | 5.5 to 55 GPH (20.5 to 208 liters) | 150 PSI (10.3 bar) | 1 hp (.74 kW) | 3/4 hp (.60 kW) |
| G110 | 11 to 110 GPH (41.6 to 416 liters) | 150 PSI (10.3 bar) | 1 hp (.74 kW) | 3/4 hp (.60 kW) |
| G150 | 15 to 150 GPH (56.8 to 568 liters) | 100 PSI (6.89 bar) | 1 hp (.74 kW) | 1 hp (.74 kW) |

- ▶ Durable, metallic housing and corrosion resistant coatings give the MacRoy Series G pump the toughness to stand up to harsh chemicals and the weather.
- ▶ Mechanically actuated pump with Teflon diaphragm enables precision flow rate control, even at low volumes.



- ▶ The pump body is backed by a limited five year warranty.



- ▶ Easily accessible filter assembly protects pump, plumbing and connections from foreign objects.



- ▶ The patented Ultra Mister Mist'r® has a four-way spray that effectively atomizes the inject product immediately for even distribution throughout the irrigation water flow.



- ▶ Choice of three phase, single phase or 12-volt electric motors in 56c frame vertical mount.



- ▶ Micrometer Lock Knob

- ▶ Large, easy-to-read dial lets you adjust flow, quickly and simply, while pump is running. Can be locked in position to maintain constant flow. Precision stroke adjustment can be operated while in use. Steady State Accuracy ~ + 1% of full capacity over the 10 to 1 turndown ratio.

- ▶ The control switch is sized specifically to each motor and provides overload protection. The switch enclosure is NEMA 4 rated.



- ▶ The self-contained design of the MacRoy Series G pump makes it easy for one person to handle and convenient to move from one system to the next.

Global technology

Since 1983, we've distributed metering pumps to every corner of the globe utilizing irrigation to raise sustainable crops. The engineered reliable design makes it ideally suited for years of service.

Environmentally safe

Utilizing a high quality fluid injection pump enables you to precisely provide what your crop needs while reducing the environmental impact. With Agri-Inject equipment, there are other benefits of reduced drift and reduced labor and energy costs. Agri-Inject also offers containment options to provide even further assurance of environmental safety.

Economical to operate

Lower operating costs at high volumes make the MacRoy Series G especially effective for applying fertilizer, chemicals, and other concentrates through high acreage pivot irrigation systems.

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 is just around the corner.

MacRoy Series G System Pumps For High Volume, Top Efficiency



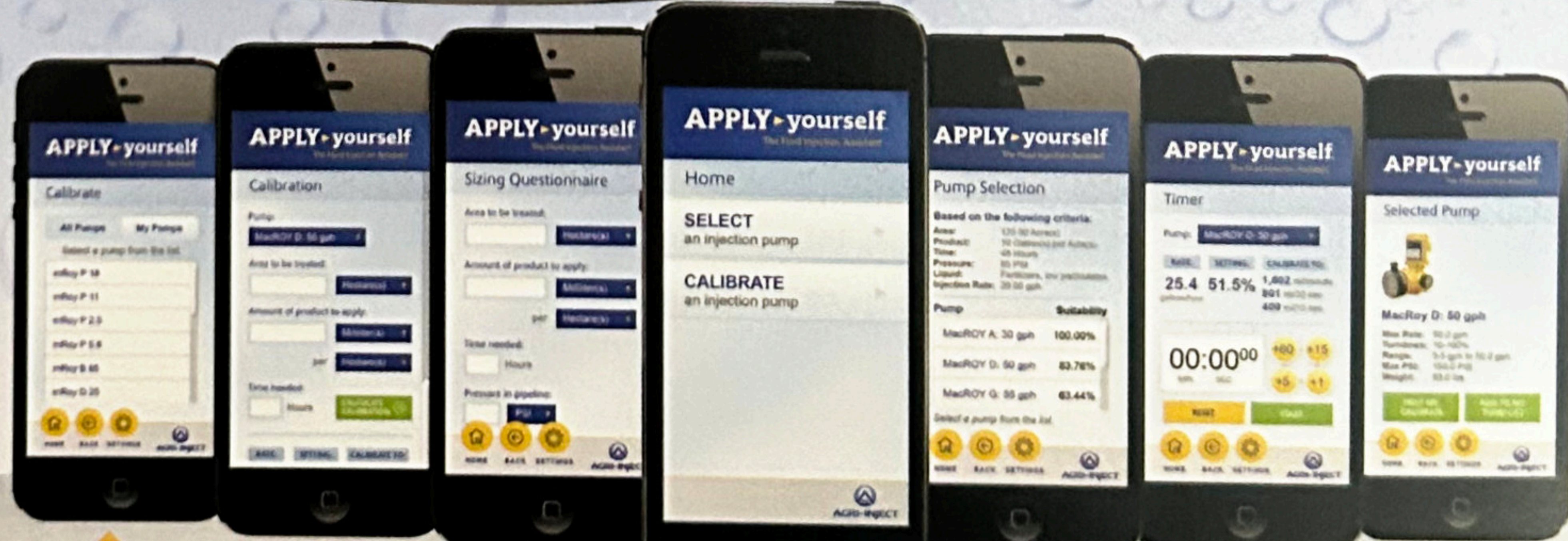
"I've been using foliar applied nitrogen for three or four years now with very good results. The difference is, up until this last year, we've been putting it on with a crop sprayer. Now, with the use of an Agri-Inject pump, we're able to put 32 percent nitrogen on the crop through our center pivot irrigation. Not only does this save on nitrogen, since we're not putting it on the corners and only applying it where it can be used, but we save on labor, fuel costs and machine depreciation. It's worked so well that I'm planning to buy a second Agri-Inject unit for this coming year."

- Hunter Hooper,
Brownsville, Tennessee

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