

SureFire Fertilizer Application Systems

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Who is SureFire

- Opened July, 2007
- Provide Application Solutions for Fertilizer, Seed, and Chemicals for modern farming operations



SureFire's Goal

- Provide you with the application system that performs with the highest possible level of accuracy allowing you to accomplish the specific objectives of your farm's nutrient management program
- Accomplish the this with the simplest possible approach



Fertilizer Application Systems

- Pumping
- Distribution
- Metering and Control



Pumping Systems

- High-Rate Liquid Systems
 - Hydraulic Drive
- Low-Rate Liquid Systems
 - Electric Motor Drive



PumpRight Hydraulic Drive Diaphragm Pumps

- Develop Suction/Self Priming
- Pull Product Long Distances
- No Damage from Running Dry



PumpRight Hydraulic Drives for John Blue Piston Pumps

- Utilizes time-tested pumping system
- Eliminates ground drives
- Provides variable rate capability



Tower Pump Systems

- 12v Electric Diaphragm Pumps
- Ideal for low-rate applications
 - Maximum flow of 6.5 GPM
 - In-furrow starter fertilizer



Distribution

- The Big Challenge
 - Accomplishing a wide-range of application rates without changing orifices



Variable Rate Orifices

- Vari-Target
 - Vari-Flow 1
 - 0.07 – 0.50 GPM
 - Vari-Flow 2
 - 0.15 – 1.5 GPM



Sectional Shutoff

- Compatible with automatic section control systems



Metering and Control

- **Color Blind Philosophy**
- Our systems are compatible with most rate control platforms
 - GS2 Rate Control
 - Ag Leader Direct Command
 - Trimble Field Manager
 - Raven
 - Micro-Trak



All Types of Systems

- Produce Turn Key Application Systems
- Work with you to develop a custom system to fit your specific needs

