INJECTOR ORIFICE CHARTS

Pressure Recommendations: (with 5 lb check valves)
- Electric pumps: 12-30 PSI
- Hydraulic or piston pumps: 15-60 PSI

Charts are based @ 60°F
- Cleanliness, viscosity, and temperature affect the flow rate.
- Heavier fertilizers will have 5-15% less flow than chart indicates for a certain pressure.
- Cold fertilizers will cause system pressure to increase at a given application rate.
- The electric pump systems will have reduced flow and increased electrical current draw due to cold fertilizer increasing operating pressure. Use the largest orifice possible for cold weather operation.

**PLEASE NOTE:** We normally recommend using only 1 orifice under pressure when running 7-15 lbs of pressure. However, using 2 orifices under pressure can be beneficial because it will help eliminate fertilizer splatter or misting/volatilization of fertilizer when done in the following manner:
- Use the correct size orifice above for 15-30 psi pressures
- Use 2-3 times size orifice below, creating 5-7 lbs pressure to stream fertilizer into the soil

**NEVER USE 2 OF THE SAME SIZE ORIFICES IN YOUR SYSTEM!!**