

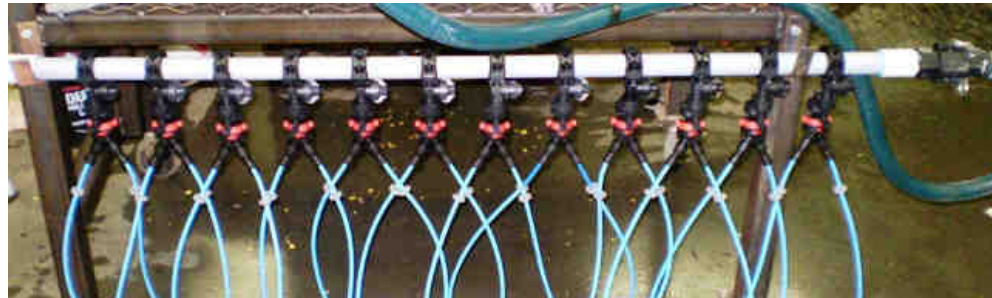
## Setting up VeriFlow



*1-pound Inline Check Valve*



*Nozzle Body with Shutoff Valve*



To accomplish uniform fertilizer application consider the following:

- Uniform pressurized delivery of fertilizer from the pump.
- Diaphragm pumps (electric, hydraulic, or ground driven) should be used with rate controllers.
- CDS-John Blue pumps or Demco metering pumps can be used with VeriFlow regulators.
- The nozzle bodies with shutoff valves opening at 5 or 8 psi should be used to prevent the lines from dribbling on the ends.
- Fertilizer lines to the row units need to be small enough to flow full to reduce potential to “surge”. The lines with 0.170” ID are recommended for the application rates of 3-9 US gallons /acre and 0.250” ID for application rate of 5-45 US gallons /acre.
- An 1-pound check valve on each row as close to the outlet as possible to even out the flow and to prevent the lines from dribbling on the ends.
- Pressure of 50 psi or higher is recommended for the initial start-up to expel air from the lines.



*A seeding machine with VeriFlow2*