

# Precision Planting Liquid System Check List

## FurrowJet™

### Tri-band or dual band liquid fertilizer in-furrow

#### Pre-Purchase Checks

- Fertilizer pump is properly sized for the flow rate needed at the pressure to be used. Recommendation is 30 PSI or greater at the orifice.
- 80 mesh filter installed after the pump before the distribution system
- Verify that the fertilizer to be used is compatible with an 80 mesh filter
- Planned planting depth must be greater than 1"
- Row cleaners must be installed on the planter to prevent residue from catching on the FurrowJet
- Disk openers not worn beyond useful life and properly shimmed
- Rear mount insecticide or liquid application tubes that use the front closing frame bolt or are in furrow between the seed tube and closing system are not compatible
- Other ground engaging fertilizer attachments behind the gauge wheels and within 3" of the furrow are not recommended

#### Pre-Season Checks

- Tug on each FurrowJet to verify it is securely attached. If it snaps free then installation procedure will need to be verified.
- Wing wear width not exceeded (fields with high density of rocks will cause greater wear)
- FurrowJet Keeton tension 12 oz or greater, replace if less
- Properly sized orifice installed on each nozzle line (if using all 3 application points on a row, 3 orifices will be needed). Combined orifice body and splitter available from Precision Planting

#### In-Field Checks

- DO NOT reverse with the planter in the ground
- Bucket check to verify rate achieved with fertilizer
- Planter bar and row units running level with downforce system engaged. Adjust planter bar height or hitch height if needed.
- Wing height set correctly (See FurrowJet Owner's Manual "In-Field Adjustments")
- Store planter in the raised position
- Periodically throughout the season check wing height to ensure it is at the proper height above the seed. Too low of wing height can drag seed.

#### After Planting

- Flush system with water to prevent corrosion.

For complete details see [cloud.precisionplanting.com/products](http://cloud.precisionplanting.com/products) and click on FurrowJet