

Precision Planting Liquid System Check List



Single or dual band liquid fertilizer 3" from the furrow and 1 ½" below soil surface

Pre-Purchase Checks

- ☐ Application depth should be intended from ¾" to 1 ½" below the soil surface. Application depth deeper than this will result in increased knife wear and other issues such as residue dragging.
- ☐ Make sure that row cleaners are compatible with Conceal.
- ☐ No-till coulters that mount to the front of the row unit faceplate are not compatible.
- ☐ Fertilizer pump should be properly sized for the pressure to be ran at the flow rate needed.
- ☐ 80 mesh filter is required to be installed after the pump and before the distribution system
- ☐ Verify fertilizer to be used is compatible with an 80 mesh filter
- ☐ Application rate cannot exceed 1.5 GPM per knife (3.0 GPM for Dual band - roughly 60 GPA at 10 mph)

Pre-Season Checks

- ☐ Dual band systems should have the Precision Planting orifice body splitter (758175) installed with properly sized orifices.
- ☐ Single band systems without vApplyHD should have properly sized orifices installed.
- ☐ ¾" hose should be run to the faceplate area, then ¼" hose through the Conceal knife.
- ☐ Alignment of the mounting bracket to the row unit is critical to be level to ensure the swingarm runs true in the gauge wheel slot.
- ☐ If single band, ½ of the knives should be installed on the left side and ½ of the knives installed on the right side.

First Field Checks

- ☐ Check knife depth is correctly set. Depth should not exceed 1 ½".
- ☐ If planting depth changes, verify that Conceal depth does not need to change as well
- ☐ Verify that the knife has not moved and is still centered in the gauge wheel when in planting position

After Planting

- ☐ Flush system with water to prevent corrosion in the knife.

For complete details see cloud.precisionplanting.com/products and click on Conceal