

# How to Connect BiOWiSH® Crop Liquid and Crop Liquid Green Choice 1000L Totes to Spraying Systems for Coating Solid Fertilizers

## Introduction

This technical bulletin describes how to connect the 1000L BiOWiSH® Crop Liquid and BiOWiSH® Crop Liquid Green Choice totes to spraying systems used for coating solid fertilizers.

## Equipment Needed

- 1000L BiOWiSH® Crop Liquid or BiOWiSH® Crop Liquid Green Choice tote
- Hose A: PEBX hose with 2-inch HPT connector (tote to pump)
- Diaphragm metering pump
- Hose B: PEBX hose with appropriate connectors (pump to spray nozzle)

## Procedure (Reference Figure 1)

1. Clean all equipment prior to use
2. Ensure the BiOWiSH® Crop Liquid or BiOWiSH® Crop Liquid Green Choice tote is well mixed (See BiOWiSH Technical Bulletin on Tote Mixing).
3. Connect Hose A to the NPT valve at the bottom of the BiOWiSH® tote.
4. Connect Hose A to the diaphragm metering pump.
5. Connect one end of Hose B to the diaphragm metering pump and the other to the spray nozzle mounted above or inside the solid fertilizer mixer.
6. While continuing to mix the tote contents, open the NPT valve on the BiOWiSH® Crop Liquid or BiOWiSH® Crop Liquid Green Choice tote.
7. Turn on the pump and begin spraying BiOWiSH® Crop Liquid or BiOWiSH® Crop Liquid Green Choice tote onto the solid fertilizer (refer to BiOWiSH User Guide: Step-by-Step Protocol for Coating BiOWiSH® onto Solid Fertilizer).
8. Continue spraying until the desired amount of fertilizer has been coated then turn off pump and shut the NPT valve on the BiOWiSH® tote.

Figure 1: Equipment connection diagram

