

3RIVE 3D[®] Application System



PRIMING YOUR 3RIVE 3D[®] APPLICATION SYSTEM

To ensure your 3RIVE 3D[®] application system is operating at peak performance, a priming routine prior to planting is a must.

1. **Clean Tanks:** Begin by cleaning both the chemical and water tanks. It is important to remove any dirt or debris remaining from the winter or previous season.
2. **Clean Strainers:** Next, clean strainers that may have also trapped dirt or debris.

3. **Flush:** Flush the entire system by completing the following steps:

Reminder: The tractor should be running at all times when running the 3RIVE 3D application system.

- A. Remove all orifices from the system and reassemble with solution orifices removed.
 - B. Run flush for at least five minutes through each section, one at a time.
 - C. Clean air orifices again and reinstall solution orifices.
4. **Replace chemical metering tube:** This should be done on an annual basis. The tag on the tube will remind you what part is needed.

METER CALIBRATION VALVE



CHEMICAL METER



TROUBLESHOOTING

Should you run into a problem while priming the system, review the following potential issues and solutions.

THE SYSTEM WILL NOT RUN.

The tractor should be running at all times when trying to run the 3RIVE 3D® application system.

IT IS THE FIRST TIME I AM PRIMING MY 3RIVE 3D APPLICATION SYSTEM.

- FMC recommends running the charge with the metering calibration valve turned to the 6 o'clock position and the bypass line inserted into a collection cup. This allows chemicals to bypass the solution circuit and will eliminate air from being injected into the solution pump.
- Once chemical is flowing from the bypass line, turn the handle of the metering calibration valve to the 3 o'clock position. This will start pumping chemical into the solution circuit.

I AM EXPERIENCING "NO FLOW" OF THE SOLUTION.

- This occurs when there is no water flowing through the solution flow meter.
- Possible causes and solutions:
 - Foam in the flow meter, or air trapped in lines: Remove a solution line from the system after the flow meter and run the system in "RINSE" until water flow is achieved at the removed line.
 - Closed valve: Check to make sure the water tank valve is open.
 - Stopped-up water strainer: Check and clean water strainer.

I AM EXPERIENCING "NO FLOW" OF THE CHEMICAL.

- This occurs when the chemical pump is not turning.
- Possible causes and solutions:
 - Is the tractor running? If not, start tractor and re-run the "CHARGE" routine.
 - Check all fuses in the system.
 - Check all plugs on the chemical pump, the pump EMD and the hitch power.

If you have further questions, contact your FMC Precision Platforms representative or visit FMCagUS.com/3RIVE3D.