Air Blast Sprayer Pre-Calibration Instructions

Prior to having Penn State calibrate your air blast sprayer, the following tasks must be completed.

Prior to having Penn State calibrate your air blast sprayer, please complete the following tasks:

- Triple rinse tank and piping. Take special care to flush manifolds and nozzles.
- Pressure wash sprayers. Pay special attention to cleaning both sides of nozzles and around pump and filters.
- Clean nozzles and record orifice and whirl disc sizes.
- Flush out line to pressure gauge.
- Clean filters, including: tank filters, suction filters, final filters, and every screen behind nozzles.
- Make sure all valves, diaphragms, and O-rings are in good condition and working properly.
- Check tire pressures on both sprayer and tractor.
- Make sure tachometer is working on tractor.
- Measure and mark off a 200 foot straight “course” that can be used to time tractor speed to determine actual MPH.
- Fill sprayer ½ full with clean water.
- Have sprayer operator’s manual on hand for reference if needed.

If possible, have any operators or mechanics that work with the sprayer/tractor combination on hand for the sprayer calibration.

Visit Penn State Extension’s information page to learn more about our sprayer calibration service.

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