

Preparing Your Spraying Equipment for Spring



It's spring! Investing time to prepare your sprayer before heading to the field will help prevent downtime and unexpected maintenance costs and delays. Refer to your operation and maintenance manual for appropriate tire pressure, oil type and coolant levels.

Follow these steps so you'll be prepared to hit the field with no delays.

CLEAN

1. Clean tank and boom sprayers. Remove any herbicide residue. If needed, replace them.
2. Run clean water through the system to flush out antifreeze. This will help show any damage or leaks.
3. Clean the boom line, main system and nozzle screens.
4. Wash all the spray nozzles and check the flow rates. If necessary, replace them.

INSPECT

1. Inspect the sprayer by walking around it and noting any damage.
2. Repair or replace worn or broken parts.
3. Tighten all bolts.
4. Make sure tires are properly inflated.
5. Refer to the owner's manual for appropriate tire pressure, oil type and coolant levels.

Inspect the following:

- | | |
|--|---|
| <input type="checkbox"/> Engine | <input type="checkbox"/> Cables |
| <input type="checkbox"/> Tires | <input type="checkbox"/> Boom Suspension |
| <input type="checkbox"/> Booms | <input type="checkbox"/> Accumulators |
| <input type="checkbox"/> Clamps | <input type="checkbox"/> Oil And Coolant Levels |
| <input type="checkbox"/> Fittings | <input type="checkbox"/> Ground Speed Sensors |
| <input type="checkbox"/> Hoses | <input type="checkbox"/> Lights |
| <input type="checkbox"/> Spray Nozzles | <input type="checkbox"/> Air Conditioner |
| <input type="checkbox"/> Air Intakes | <input type="checkbox"/> Electronic Equipment |

ELECTRONIC INSPECTION

1. Conduct an electronic inspection on the cable, checking for corroded connectors and physical damage.
2. Inspect possible pinch points such as the drawbar and boom fold areas.

TEST & CALIBRATE

1. Test sprayer's functionality by filling the water tank, then running the spray gun and boom.
2. Fix or repair any breaks or leaks, and test again.

Test the following:

- | | |
|--|---|
| <input type="checkbox"/> Flow Meter | <input type="checkbox"/> Electric Rate Controls |
| <input type="checkbox"/> Flow Valves | <input type="checkbox"/> Air Conditioner |
| <input type="checkbox"/> Boom Control Valves | <input type="checkbox"/> Lights |
| <input type="checkbox"/> Nozzle Flow Rate | <input type="checkbox"/> Field Computer |
| <input type="checkbox"/> Automatic Rate Controls | |

Calibrate the following:

- Ground Speed Sensor
- Flow Meter

