

Tips for Winterizing Your Sprayer

Follow this simple checklist before putting your sprayer into storage each year so your sprayer will be ready to go when you need it for your next spraying session.

1. Thoroughly flush the pump and solution system of all chemical residue. Make sure to remove all strainer screens and clean any residue that has built up on the screens.

Read the chemical labels that were used for recommendations on an agent that will best clean and neutralize the sprayer components.

2. Fill solution system components with antifreeze and spray a small volume through the system (from the tank to the nozzle) to prevent oxidation of components. This procedure will help prevent elastomer components from drying out and will remove any residue that continues to attack system components.

Draining the pump for winter storage will jeopardize the integrity of its components. Cast surfaces have increased levels of corrosion when exposed to atmosphere. Chemical residue can dry on the mechanical seal, which causes the seal faces to stick together.

- Use an antifreeze with a rust inhibitor to improve the storage life of **Centrifugal Pumps** with cast iron components.

 Automotive antifreeze is toxic, so proper use and disposal is required.

- **Roller Pumps** benefit by being stored with a light oil. Ensure all internal surfaces are coated with oil by rotating the shaft. Plug the ports after lubricating the pump.
- **Diaphragm and Piston / Plunger Pumps** should be stored with RV antifreeze in them.
- Cycle **Ball Valves** and **Unloaders** on/off to circulate winterizing solution and displace water throughout all components.
- Remove **Spray Nozzles** and **Tip Screens**. Clean them in detergent water, dry them, and store them in a container.

3. Ensure **Regulators**, **Unloaders**, and **Valves** are left in a loose or open state so they do not stick upon startup.

Next year, drain the winterizing solution from the system before your first application and test all components. Keep the solution in a properly marked container to use again the following fall season.