

# OWNER'S GUIDE

## FUNNEL TOP, NON-CORROSIVE, POLYETHYLENE, COMPRESSED AIR SPRAYER

PLEASE READ AND FOLLOW ALL INSTRUCTIONS BEFORE USING SPRAYER

### **▲WARNING**

Read and understand sprayer manual and chemical warnings before each use. Wear protective clothing and eye protection. Check hose, o-rings, and fittings are in good condition before each use. Test with water at the beginning of each season. Carry only by securely locked pump handle. Use only the supplied pump to pressurize the tank. Hose, cap, and valve must be securely fastened before pressurizing. Do not block or alter the valves or pump components. Do not store with tank pressurized. Release pressure per instruction manual. Do not stand over tank while pressurizing or using. Do not spray people or animals. Don't use flammable, caustic, acidic, or corrosive chemicals with sprayer. Don't use solutions above 105° F. Tank, hose, and valve must be thoroughly cleaned with soap and water after each use. Do not store with chemical in tank.

### HOW TO PREPARE YOUR SPRAYER FOR USE



FIG. 1A

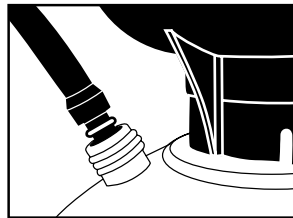


FIG. 1B

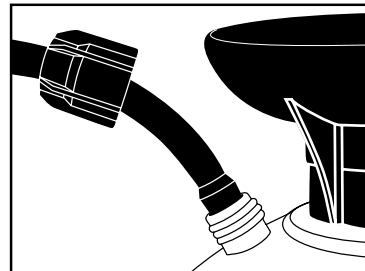


FIG. 1C

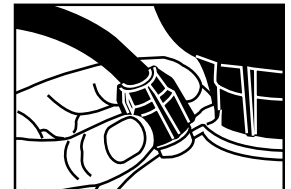


FIG. 1D

1. Slide threaded hose nut up the hose, away from the end. (FIG. 1A) Place end of hose into container opening. Press firmly downward on hose until end is tightly seated and is flush with opening. (FIG. 1B) Slide hose nut back down hose toward threaded container opening. (FIG. 1C) Grip the hose nut in such a way that your hand is underneath the hose and turn clockwise until hose nut is tightly fitted onto the container opening. (FIG. 1D)
2. Assemble sprayer wand to valve by inserting and holding rod into open end of valve. Attach extension cap securely by hand. **NOTE: Never use tools to tighten connection nuts.**
3. Remove pump assembly.
4. Mix spray solution following directions on spray solution container.
5. Fill with liquid up to the top fill band. Bands indicate gallons and depending on model tanks will have one at each 1, 2, or 3 gallon contents level.
6. Replace pump assembly and tighten securely.
7. Turn pressure release valve (when provided) to right and tighten to seal.
8. Pressurize tank by pumping approximately 15-20 times (depending upon amount of liquid used.)

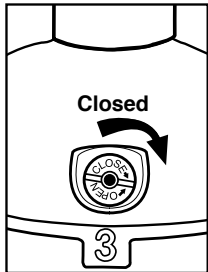
### HOW TO USE YOUR SPRAYER

1. Adjust nozzle cap. Tighten cap for fine spray or loosen for coarser spray or solid stream. Models with 3 in 1 tip have a screen cap over tip for foaming, flip up for mist or stream patterns. **CAUTION:** Loosening nozzle cap too far will result in cap flying off, allowing spray material to spray back at you.
2. Pump occasionally to maintain tank pressure and desired spray pattern. Pump more often for higher pressure which gives a finer spray or more distance. Pump less for a coarser spray that reduces drift.
3. The extension rod can be rotated 360°, turning counter-clockwise with extension rod pointed away from you.
4. Depending on model, sprayer wand may store in clip on handle or slip into storage hole in funnel.
5. Sprayer should only be carried by locked pump handle. Never carry tank by the hose or discharge valve and wand.
6. When finished spraying, release pressure. On tanks with pressure release knob, turn knob left 1/4 turn to release pressure. Alternatively, turn pump handle left slowly until a hissing sound is heard. Wait until sound of escaping air is gone before completely removing pump.

## CLEANING AND MAINTENANCE INSTRUCTIONS

**NOTE:** A small amount of care will repay you in long life and efficient operation.

1. RELEASE AIR PRESSURE.
2. Loosen pump slowly. Remove pump assembly. Pour out any remaining spray solution and rinse all parts thoroughly with clean water.
3. Leaving a small amount of clean water in tank, pressurize and flush discharge equipment by depressing trigger approximately 30 seconds.
4. RELEASE AIR PRESSURE. Remove pump assembly. Rinse tank again and empty water.
5. To clean nozzle cap, refer to nozzle maintenance section.
6. Turn pressure release valve knob to open. Tank cannot be pressurized with knob in this position.
7. Always store tank empty.
8. Apply approximately 10 drops of 20 weight or heavier motor oil into opening along side of pump rod before each growing season use and periodically thereafter.
9. If trigger is sluggish, remove extension rod assembly, depress trigger and apply 5 drops of oil in end of valve head.



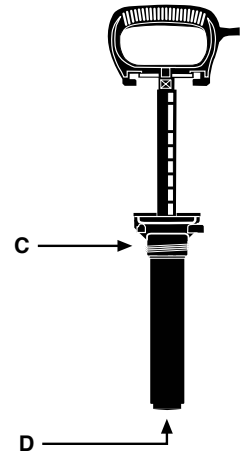
**FIG. 2**  
Pressure relief valve knob must be in closed position to pressurize tank.

### PRESSURE RELIEF VALVE FUNCTION

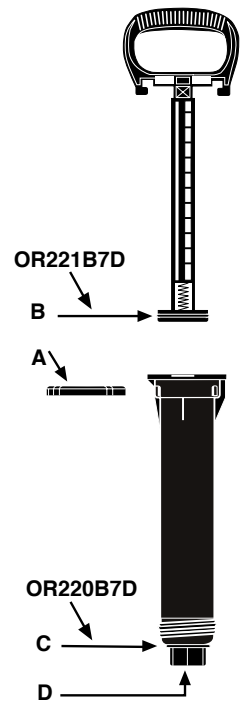
## TROUBLESHOOTING YOUR PLASTIC SPRAYER

### PROBLEM: Sprayer Fails To Pressurize.

- Step 1. Be sure tank pump is tight.
- Step 2. Check to make sure pressure relief valve knob, when provided, is in the closed position. (FIG. 2)
- Step 3. Oil pump cup.
  - Lift pump plunger and apply approximately 10 drops of 20 weight or heavier motor oil in opening along side of pump rod.
  - Work plunger up and down.
  - If sprayer will not pressurize, proceed to Step 4.
- Step 4. Check pump assembly. (FIG. 3)
  - RELEASE AIR PRESSURE.
  - Remove pump assembly.
  - Pumps with top thread (FIG. 3) do not disassemble.
  - Pumps with bottom thread (FIG. 4) disassemble by pushing pump rod down all the way, pulling clip (A) out from side, and pulling pump rod up until disassembled.
  - With pump disassembled, inspect seal ring (B) for damage. If in good condition, wipe off any foreign particles. If damaged, replace using parts from repair kit. Oil with 20 weight or heavier motor oil.
  - Inspect cylinder gasket (C). If soiled, clean all surfaces of gasket and rim of tank with clean lint-free cloth. If split or worn, replace using parts from repair kit.
  - Inspect check valve (D). If soiled, clean with lint-free cloth. If worn or split, replace using parts from repair kit.
  - Reassemble by starting plunger into pump cylinder at an angle. Push pump plunger to bottom of pump cylinder and replace retainer clip (A).
  - Replace cylinder into tank and tighten tank cap.
  - If tank fails to retain pressure, proceed to the next sections to check for leaks.



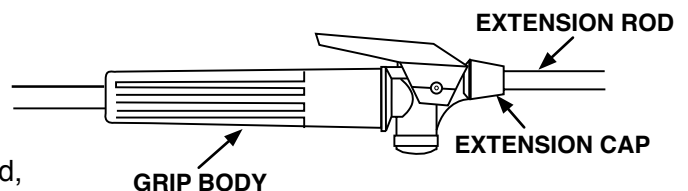
**FIG. 3**



**FIG. 4**

### PROBLEM: Sprayer Leaks.

- Step 1. Extension cap at extension rod. (FIG. 5)
  - Tighten extension cap securely by hand.
  - If leak persists, RELEASE AIR PRESSURE, remove rod by loosening extension cap and pulling rod straight out.
  - If connection surfaces are scratched or damaged, replace using parts from Kit (refer to back page).



**FIG. 5**