

## Sorand 8L Manual Sprayer

# Sorand 8L Manual Garden Sprayer User Manual

Model: 8L Manual Sprayer

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and effective use of your Sorand 8L Manual Garden Sprayer. Designed for household use, this plastic atomizer is suitable for watering plants, fruit trees, and other garden applications. Please read this manual thoroughly before initial use and retain it for future reference.

### Key Features:

- Comfortable handle for easy pumping.
- Constructed from durable, odorless, and non-toxic plastic (PP).
- Integrated safety valve for automatic air deflation, ensuring safe operation.
- Wide 13cm top opening to prevent spills during filling.
- Simple press-and-forward switch for easy operation.



### **Comfortable grip:**

comes with the comfortable handle, it is easy to pump up the sprayer, convenient to use

**Figure 1.1:** A user holding the sprayer, illustrating the comfortable grip of the pump handle designed for ease of use.

## **2. PRODUCT COMPONENTS**

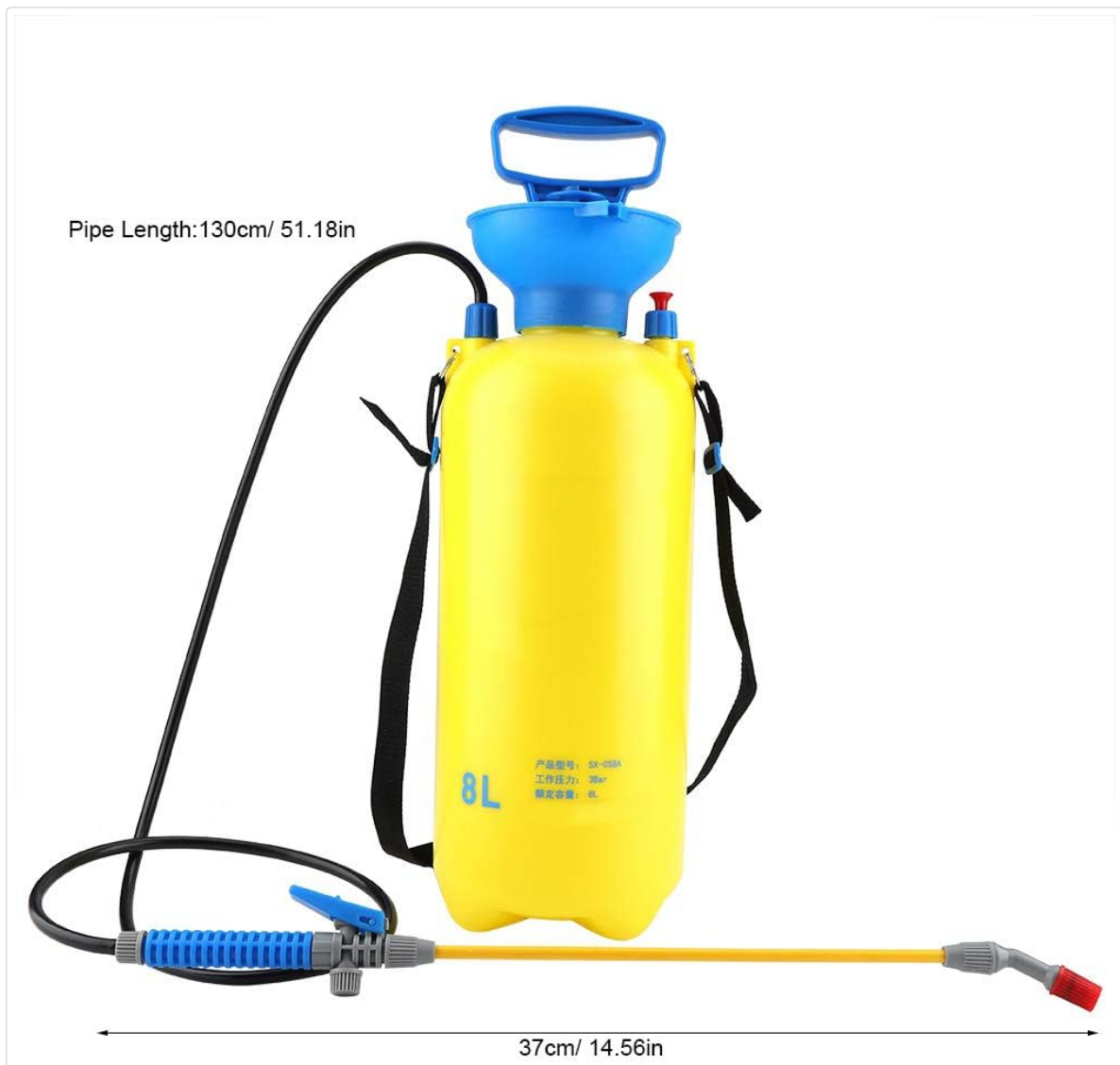
Familiarize yourself with the various parts of your Sorand 8L Manual Garden Sprayer.



**Figure 2.1:** Overall view of the Sorand 8L Manual Garden Sprayer, showing the main tank, pump assembly, hose, and spray wand.



**Figure 2.2:** Detail of the blue pump handle and the wide opening for filling the tank, designed to minimize spills and facilitate easy access.



**Figure 2.3:** The spray wand's blue trigger mechanism, which can be pressed for spraying and pushed forward to lock for continuous operation, along with the adjustable nozzle for spray pattern control.

### 3. SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components are present.
2. **Assemble Spray Wand:** Connect the spray wand to the hose. Ensure a secure, leak-free connection by tightening the fitting.
3. **Attach Shoulder Strap (if applicable):** If your model includes a shoulder strap, attach it to the designated points on the sprayer tank for comfortable carrying during use.
4. **Prepare for Filling:** Unscrew the pump assembly from the top of the tank by turning it counter-clockwise.
5. **Fill Tank:** Pour the desired liquid (e.g., water, non-corrosive fertilizer, or pesticide solution) into the tank. Do not exceed the 8L capacity mark. The wide opening helps prevent spills.
6. **Secure Pump Assembly:** Carefully reinsert the pump assembly into the tank and screw it clockwise until it is tightly sealed. Ensure the seal is firm to prevent leaks and allow pressure to build effectively.

### 4. OPERATING INSTRUCTIONS

1. **Build Pressure:** With the pump assembly securely in place, grasp the pump handle and pump it up and down repeatedly. Continue pumping until you feel significant resistance, indicating sufficient pressure has built up inside the tank. The integrated safety valve will automatically deflate air if pressure becomes excessive.
2. **Adjust Nozzle:** Twist the nozzle at the end of the spray wand to adjust the spray pattern from a fine mist to a direct stream, according to your application needs.
3. **Begin Spraying:** Point the spray wand towards the target area. Press the blue trigger on the spray wand to release the liquid.
4. **Continuous Spraying:** For continuous spraying, press the trigger and then push it forward to lock it in the open position. To stop, pull the trigger back.
5. **Maintain Pressure:** If the spray pressure decreases during use, pump the handle again to re-pressurize the tank.
6. **Depressurize After Use:** After completing your task, always depressurize the sprayer. This can be done by holding the trigger until all pressure is released, or by carefully activating the safety valve if your model allows manual release.

## 5. MAINTENANCE

- **Cleaning:** After each use, especially when using chemicals, thoroughly rinse the tank, hose, and spray wand with clean water. Pump clean water through the sprayer to flush out any residue from the internal components and nozzle.
- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure the tank is empty and depressurized before storage.
- **Check Seals:** Periodically inspect all seals and O-rings for wear or damage. Replace them if necessary to maintain proper pressure and prevent leaks.
- **Nozzle Care:** If the nozzle becomes clogged, remove it and clean it with a soft brush or by rinsing it thoroughly. Do not use sharp objects to clear the nozzle, as this may damage it.

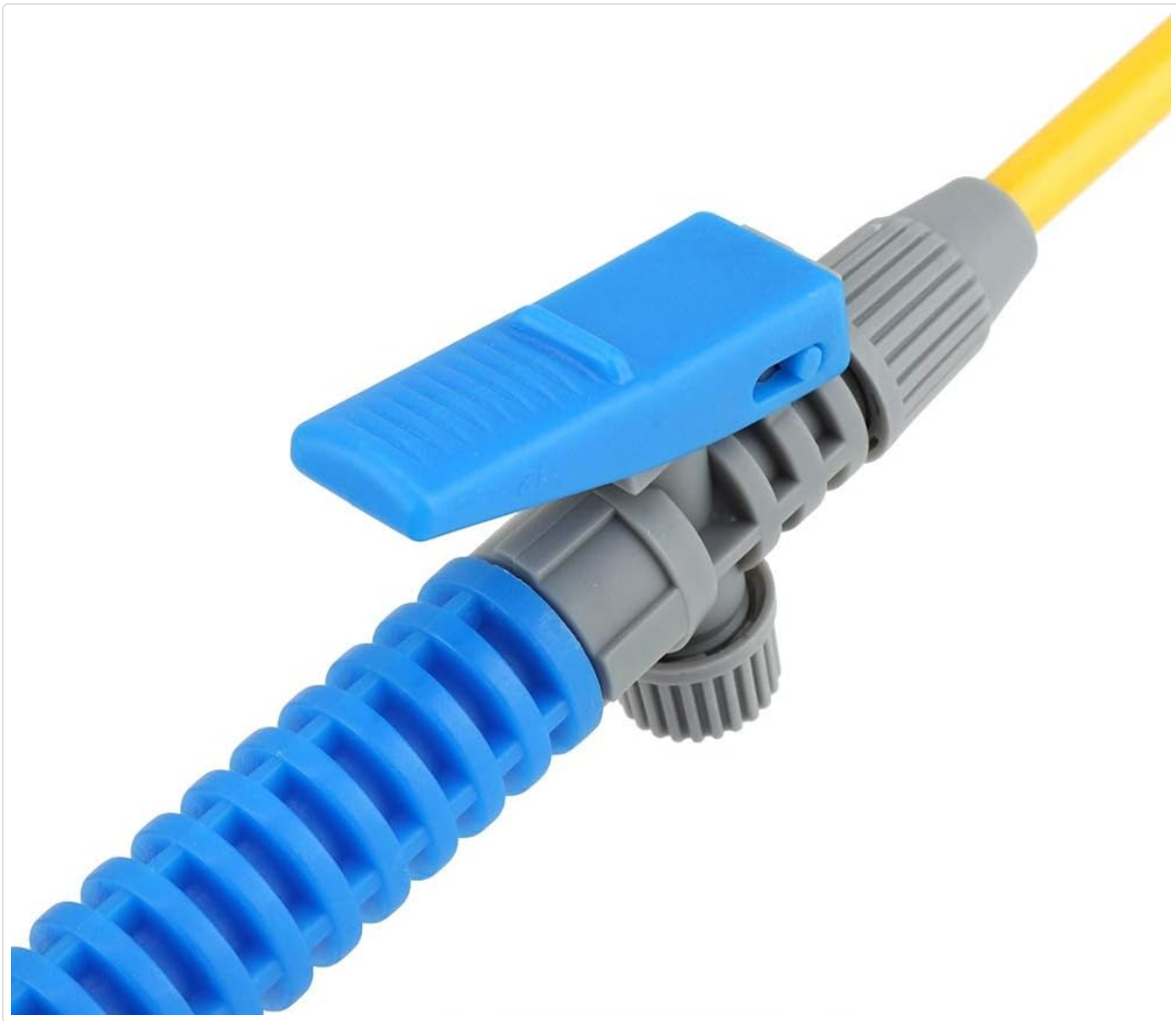
## 6. TROUBLESHOOTING

| Problem                          | Possible Cause  | Solution   |
|----------------------------------|---|--|
| No spray or weak spray           | <ul style="list-style-type: none"> <li>• Insufficient pressure</li> <li>• Clogged nozzle</li> <li>• Loose pump assembly or seals</li> <li>• Empty tank</li> </ul> | <ul style="list-style-type: none"> <li>• Pump more to build pressure</li> <li>• Clean the nozzle</li> <li>• Tighten pump assembly; check/replace seals</li> <li>• Refill the tank</li> </ul> |
| Liquid leaking from tank or pump | <ul style="list-style-type: none"> <li>• Loose pump assembly</li> <li>• Damaged O-ring or seal</li> <li>• Tank overfilled</li> </ul>                              | <ul style="list-style-type: none"> <li>• Tighten pump assembly</li> <li>• Inspect and replace damaged seals</li> <li>• Do not overfill the tank</li> </ul>                                   |
| Pump handle difficult to operate | <ul style="list-style-type: none"> <li>• Excessive pressure (safety valve should activate)</li> <li>• Pump mechanism dirty or dry</li> </ul>                      | <ul style="list-style-type: none"> <li>• Ensure safety valve is functioning</li> <li>• Clean and lightly lubricate pump shaft (use silicone grease, not petroleum-based)</li> </ul>          |

## 7. SPECIFICATIONS

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- **Brand:** Sorand
- **Model:** 8L Manual Sprayer
- **Capacity:** 8 Liters
- **Material:** Plastic (PP)
- **Color:** Yellow
- **Pipe Length:** Approximately 130 cm (51.18 inches)
- **Pole Length (Spray Wand):** Approximately 37 cm (14.56 inches)
- **Item Weight:** Approximately 1917 grams (4.23 pounds)
- **Power Source:** Manual, Air Powered
- **UPC:** 738683041750



**Figure 7.1:** Dimensions of the Sorand 8L Manual Garden Sprayer, showing the approximate pipe length and spray wand (pole) length.

## 8. SAFETY INFORMATION

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Always observe the following safety precautions when using your sprayer:

- Read and understand all instructions before use.
- Wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and a mask, especially when spraying chemicals.

- Do not use the sprayer with flammable, corrosive, or hot liquids.
- Keep children and pets away from the spraying area.
- Never point the nozzle at people or animals.
- Do not modify the sprayer in any way.
- Depressurize the sprayer before attempting to open the tank or perform any maintenance.
- Dispose of any unused chemicals and rinse water according to local regulations.