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Stihl SG 31

Stihl SG 31 Hand Sprayer User Manual

Model: SG 31 (42550194930)

Introduction

This manual provides comprehensive instructions for the safe and effective use of your Stihl SG 31 Hand Sprayer. Designed for pest and weed control and fertilization, this 5-liter capacity sprayer is ideal for garden owners. Please read this manual thoroughly before initial operation and keep it for future reference.



This image displays the Stihl SG 31 Hand Sprayer in its complete form, featuring its distinctive orange and white tank, ergonomic black handle, and the attached black hose leading to the spray nozzle. This provides a visual reference for the product's overall appearance.

Setup

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present: sprayer tank, pump assembly, telescopic lance, and nozzle.
2. **Lance Assembly:** Attach the telescopic lance to the sprayer hose. Ensure a secure connection to prevent leaks.
3. **Nozzle Attachment:** Securely attach the desired nozzle to the end of the telescopic lance.
4. **Filling the Tank:** Unscrew the pump assembly from the tank. Fill the tank with the desired liquid (e.g., water, fertilizer, pest control solution) up to the 5-liter capacity mark. Do not overfill.
5. **Securing the Pump:** Reinsert the pump assembly into the tank and screw it on tightly to create an airtight seal.

Operating Instructions

1. **Pressurizing the Sprayer:** Pump the handle up and down repeatedly until resistance is felt and the tank is pressurized.
2. **Spraying:** Aim the nozzle at the target area. Press the trigger on the lance handle to begin spraying.
3. **Adjusting Spray Pattern:** Rotate the nozzle to adjust the spray pattern from a fine mist to a direct stream, as required for

your application.

4. **Maintaining Pressure:** If the spray weakens, pump the handle again to re-pressurize the tank.
5. **Releasing Pressure:** After use, always release any remaining pressure in the tank by holding the trigger until no more liquid or air is expelled, or by carefully unscrewing the pump assembly slightly.

Maintenance

- **Cleaning After Use:** After each use, empty any remaining liquid from the tank. Rinse the tank thoroughly with clean water. Pump clean water through the lance and nozzle to flush out any residue.
- **Nozzle Cleaning:** If the nozzle becomes clogged, remove it and clean it with a soft brush or by rinsing under running water. Do not use metal objects to clear the nozzle opening.
- **Seal Inspection:** Periodically inspect all seals and O-rings for wear or damage. Replace them if necessary to maintain an airtight seal and prevent leaks.
- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure the tank is empty and clean before storage.

Troubleshooting

Problem	Possible Cause	Solution
No spray or weak spray	Low pressure; clogged nozzle; insufficient liquid in tank.	Pump handle to increase pressure; clean nozzle; refill tank.
Liquid leaking from tank or connections	Loose connections; damaged seals/O-rings.	Tighten all connections; inspect and replace damaged seals.
Pump handle difficult to operate	Dry or worn pump seals.	Lubricate pump seals with silicone grease; replace if worn.

Specifications

- **Brand:** Stihl
- **Model Number:** 42550194930
- **Operation Mode:** Manual
- **Tank Capacity:** 5 Litres
- **Material:** Aluminum, Plastic
- **Product Dimensions:** 7.87 x 7.87 x 15.75 inches
- **Item Weight:** Approximately 0.16 ounces (4.54 g)
- **Color:** Orange
- **Power Source:** Corded Electric *(Note: This specification may be a data entry error as the product is a manual hand sprayer. The primary operation is manual.)*

Warranty and Support

For specific warranty details, please refer to the warranty card included with your product or visit the official Stihl website. For technical support, replacement parts, or service inquiries, please contact Stihl customer service or an authorized Stihl dealer. You can find contact information and further resources on the official Stihl website.

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