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Matabi Evolution 7

Matabi Evolution 7 Pressure Sprayer User Manual

Model: Evolution 7 (MTB82047)

1. Introduction

This manual provides instructions for the safe and effective use of your Matabi Evolution 7 Pressure Sprayer. Designed for garden and orchard care, this 7-liter capacity sprayer features an ergonomic design and a wide-fill opening for ease of use. Please read this manual thoroughly before initial operation.





Figure 1: Matabi Evolution 7 Pressure Sprayer. This image shows the complete sprayer unit, highlighting its blue and translucent tank, black pump handle, and integrated shoulder strap.

2. Important Safety Information

WARNING: Failure to follow these safety instructions may result in injury or damage to the product.

- Always follow local regulations and manufacturer's instructions for handling and disposal of chemicals.
- Keep out of reach of children and pets.
- Never leave the sprayer under pressure when not in use or unattended.
- Always release pressure before cleaning, refilling, or storing the sprayer.
- Do not use with incompatible chemicals. Consult chemical manufacturer's guidelines.
- Always wear appropriate personal protective equipment (PPE), such as gloves, eye protection, and respiratory masks, when using this product with chemicals.
- Do not spray flammable liquids or use near open flames.
- Ensure all connections are secure before pressurizing.

3. Components Overview

The Matabi Evolution 7 Pressure Sprayer consists of several key components designed for efficient operation:

- **Tank:** 7-liter translucent tank for holding liquids.
- **Pump Handle:** Used to pressurize the tank.
- **Lid with Integrated Doser:** For secure sealing and measuring.
- **Safety Valve:** Releases excess pressure and allows manual decompression.
- **Lance:** The spraying wand for directing the spray.
- **Adjustable Nozzle:** Allows for different spray patterns (e.g., fine mist, jet).
- **Trigger Handle:** Activates the spray.
- **Hose:** Connects the tank to the lance.
- **Shoulder Strap:** For comfortable carrying during use.

4. Setup and Preparation

4.1. Assembly

1. **Attach the Lance:** Securely screw the lance onto the trigger handle. Ensure a tight fit to prevent leaks.
2. **Attach the Shoulder Strap:** Connect the shoulder strap to the designated attachment points on the sprayer tank. Adjust for comfortable carrying.

4.2. Filling the Tank

1. Ensure the sprayer is depressurized by pulling the safety valve.
2. Unscrew the lid by turning it counter-clockwise.
3. Carefully pour the desired liquid into the tank, using the wide-fill opening to prevent spills. Do not exceed the maximum fill line indicated on the tank.
4. Screw the lid back on tightly, ensuring a secure seal.



Figure 2: Preparing the sprayer for use. The image shows a person wearing protective gear, using the Matabi Evolution 7 sprayer to apply liquid to rose bushes in a garden.

5. Operating Instructions

5.1. Pressurizing the Sprayer

1. With the lid securely fastened, pump the handle up and down repeatedly.
2. Continue pumping until resistance is felt and the safety valve begins to release air, indicating maximum pressure.

5.2. Spraying

1. Direct the lance nozzle towards the target area.
2. Press the trigger handle to begin spraying. For continuous spraying, engage the trigger lock if available.
3. Adjust the nozzle by twisting it to achieve the desired spray pattern (e.g., fine mist for delicate plants, jet for targeted application).
4. Repressurize the tank as needed when the spray pressure decreases.

5.3. Releasing Pressure

After each use, or before opening the tank, it is crucial to release all internal pressure.

- Pull the safety valve upwards until all air has escaped and the hissing sound stops.
- Alternatively, hold the trigger until all pressure is released.



Figure 3: Targeted application with the sprayer. This image shows a person using the Matabi Evolution 7 sprayer with a cone attachment for precise application, likely for weed control.

6. Maintenance and Storage

6.1. Cleaning After Use

1. Release all pressure from the tank.
2. Empty any remaining liquid from the tank into an appropriate disposal container according to local regulations.
3. Rinse the tank thoroughly with clean water. Pump clean water through the lance and nozzle to flush out any residue.
4. Clean the exterior of the sprayer with a damp cloth.

6.2. 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.
- Store with the lid slightly loosened to prevent seals from sticking.
- Keep out of reach of children.



Figure 4: Regular garden application. A woman is shown comfortably using the Matabi Evolution 7 sprayer to water or treat hydrangeas in a lush garden setting.

7. Troubleshooting

Problem	Possible Cause	Solution
No pressure or low pressure	Lid not sealed properly; insufficient pumping; clogged nozzle; worn seals.	Ensure lid is tight; pump more times; clean nozzle; inspect and replace seals if necessary.
Leaking from connections	Loose connections; damaged O-rings or seals.	Tighten all connections; inspect and replace O-rings or seals.
Uneven or sputtering spray	Clogged nozzle; low pressure; debris in the lance.	Clean the nozzle; repressurize the tank; flush the lance with clean water.

8. Technical Specifications

Feature	Detail
Brand	Matabi
Model Name	Evolution 7
Item Model Number	MTB82047

Feature	Detail
Tank Volume	7 Liters
Color	Blue
Material	Plastic, Glass Fiber, Rubber
Item Weight	1481 Grams (approx. 3.26 pounds)
Product Dimensions	7.6"W x 7.4"H (Note: This likely refers to the tank base dimensions)
Power Source	Hand Powered
Recommended Uses	Pest Control, Watering, Weed Control

9. Warranty Information

Matabi products are manufactured to high-quality standards and are covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of your warranty may vary by region and purchase date. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please refer to the documentation provided with your purchase or visit the official Matabi website.

10. Customer Support

If you encounter any issues or have questions regarding your Matabi Evolution 7 Pressure Sprayer that are not addressed in this manual, please contact Matabi customer support or your local retailer.

You can often find contact information on the product packaging or the official Matabi website:www.matabi.com

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