Matabi M107178

Matabi M107178 Electric Sprayer User Manual

Model: M107178

1. Introduction

Welcome to your Matabi M107178 Electric Sprayer user manual. This document provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before initial use and retain it for future reference.

2. Safety Instructions

2.1 General Safety Guidelines

- Always wear appropriate personal protective equipment (PPE) such as gloves, eye protection, and a mask when operating the sprayer.
- Keep the sprayer out of reach of children and pets.
- Do not spray near open flames, electrical outlets, or other ignition sources.
- Ensure the area is well-ventilated when using the sprayer, especially with chemical products.
- Only use liquids approved for spraying and follow the chemical manufacturer's instructions.
- Never immerse the sprayer unit in water.

2.2 Battery Safety

- Use only the original 12-volt battery and charger supplied with the unit.
- Do not expose the battery to extreme temperatures, direct sunlight, or moisture.
- Avoid short-circuiting the battery terminals.
- If the battery shows signs of damage or leakage, discontinue use immediately and dispose of it properly.

3. Package Contents

Please verify that all items listed below are present in your package:

- Matabi M107178 Electric Sprayer unit
- 12-volt battery
- Battery charger
- Telescopic lance (adjustable from 70 cm to 120 cm)
- Set of nozzles (2 conical adjustable, 1 mirror for herbicides)
- Herbicide bell for localized application
- Pressure gauge
- Adjustable, non-slip shoulder straps with belt

4. Setup

4.1 Assembly

1. Carefully unpack all components from the packaging.
2. Attach the telescopic lance to the sprayer unit, ensuring a secure connection.
3. Connect the adjustable shoulder straps and belt to the designated points on the sprayer for comfortable transport. The tank is designed to be ergonomic, resistant, and lightweight with a handle for easy carrying.

4.2 Battery Charging

Before first use, fully charge the 12-volt battery using the provided charger.

1. Connect the charger to the battery.
2. Plug the charger into a suitable power outlet.
3. Observe the charging indicator on the charger. The electronic board provides extended working autonomy.
4. A luminous indicator on the handle provides battery protection status.

5. Operating Instructions

5.1 Filling the Tank

1. Ensure the sprayer is turned off before filling.
2. Open the tank cap.
3. Pour the desired liquid into the tank. The sprayer is indicated for use with wettable powders.
4. Utilize the integrated agitation system to homogenize the product thoroughly before application.
5. Securely close the tank cap.

5.2 Spraying

1. Select the desired nozzle from the included set (2 conical adjustable, 1 mirror for herbicides) and attach it to the lance. For localized and protected herbicide application, use the herbicide bell.
2. Adjust the telescopic lance to your preferred length (70 cm to 120 cm).
3. Turn on the sprayer using the smooth operating handle, which also functions as a switch.

4. Choose between the two operating options:**"constant spraying"** or **"dosed spraying."**
5. For continuous spraying, engage the lock on the handle.
6. Monitor the pressure using the integrated pressure gauge to ensure optimal application. The sprayer features a diaphragm pump with a pressure range of 0-5 bar.
7. Direct the spray towards the target area, maintaining a consistent distance for even coverage.
8. After use, release the handle lock (if engaged) and turn off the sprayer.

6. Maintenance

6.1 Cleaning

1. After each use, empty any remaining liquid from the tank and rinse it thoroughly with clean water.
2. Flush clean water through the lance and nozzle to prevent blockages.
3. The operating handle includes an easily cleanable filter; regularly remove and clean it.
4. Wipe down the exterior of the sprayer with a damp cloth.

6.2 Storage

- Store the sprayer in a dry, cool place, away from direct sunlight and freezing temperatures.
- Ensure the battery is fully charged before storing the unit for extended periods to maintain battery health.

7. Troubleshooting

7.1 Common Issues and Solutions

- **Issue:** Sprayer not turning on.
  Solution: Check the battery charge level. Ensure the battery is properly connected. Verify that the operating handle switch is engaged.
- **Issue:** Uneven spray pattern or no spray.
  Solution: Clean the nozzle for any blockages. Check the lance for obstructions. Ensure the tank contains sufficient liquid.
- **Issue:** Reduced pressure.
  Solution: Check the pressure gauge. Ensure the tank is adequately filled. Clean the filter on the operating handle. Verify that the pump is functioning correctly.

8. Specifications

8.1 Technical Data

Feature	Detail
Model	M107178
Battery	12 Volts
Autonomy	Up to 8 hours
Pump Type	Diaphragm pump
Pressure Range	0-5 bar
Lance Length	70 cm to 120 cm (telescopic)
Net Weight	6.25 kg
Gross Weight	7.25 kg
Manufacturer	Goizper

9. Warranty and Support

For detailed warranty information, terms, and conditions, please refer to the documentation provided with your purchase or visit the official Matabi website. For technical support, spare parts, or service inquiries, please contact your retailer or the manufacturer's customer service department.