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Matabi M91188

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Model: M91188

INTRODUCTION

The Matabi Super Agro Sprayer Super 16 is a high-quality knapsack sprayer designed for efficient application of various liquids. With a 16-liter capacity, it is suitable for a range of tasks including disinfection, degreasing, wallpaper stripping, carpet cleaning, and car cleaning. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your sprayer.



This image shows the Matabi Super Agro Sprayer Super 16, a robust knapsack sprayer designed for various liquid applications. It features a large tank, a pump handle, and shoulder straps for comfortable carrying.

SETUP

Before first use, ensure all components are present and correctly assembled. Refer to the packaging for a complete list of parts.

1. **Unpack Components:** Carefully remove all parts from the packaging.
2. **Attach Straps:** Connect the shoulder straps to the designated attachment points on the sprayer. The system is designed for adjustability for both left and right-handed users. Take time to properly secure and adjust the straps to ensure the sprayer sits straight and comfortably on your back when filled. This may require some initial adjustment to find the optimal fit.
3. **Inspect Nozzle and Lance:** Ensure the steel lance and chosen nozzle are securely attached and free from obstructions. The sprayer comes with several nozzle options; select the appropriate one for your application.
4. **Initial Water Test:** Fill the tank with clean water and test the pump and spray mechanism to ensure proper

function and check for any leaks before adding your desired solution.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your Matabi Super Agro Sprayer.

- 1. Prepare Solution:** Mix your desired liquid solution according to its manufacturer's instructions in a separate container.
- 2. Fill Tank:** Unscrew the tank lid and carefully pour the prepared solution into the 16-liter tank. Do not overfill. Ensure the filter is in place to prevent debris from entering the pump system. Securely fasten the lid.
- 3. Wear Sprayer:** Place the sprayer on your back, ensuring the shoulder straps are comfortable and the unit is balanced.
- 4. Pump Action:** Operate the pump handle to build pressure within the tank. The pump action is designed to be efficient, allowing for quick pressurization without excessive effort. Continue pumping until the desired pressure is achieved.
- 5. Begin Spraying:** Depress the trigger on the lance handle to begin spraying. Maintain a consistent distance and speed for even application. The sprayer is capable of covering a significant width, making tasks efficient.
- 6. Adjust Nozzle:** If applicable, adjust the nozzle to achieve the desired spray pattern (e.g., fine mist, stream).

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sprayer.

- **Clean After Each Use:** After each use, empty any remaining solution. Rinse the tank thoroughly with clean water. Pump clean water through the lance and nozzle until all traces of the solution are removed. This prevents clogging and corrosion.
- **Clean Nozzles and Filters:** Periodically remove and clean the nozzles and internal filters to ensure an unobstructed spray pattern. Use a soft brush and water.
- **Lubricate Moving Parts:** Apply a small amount of silicone grease to O-rings and seals as needed to maintain flexibility and prevent leaks.
- **Inspect for Wear:** Regularly inspect hoses, seals, and the lance for any signs of wear, cracks, or damage. Replace worn parts promptly. Matabi is known for providing spare parts (recambios).
- **Storage:** Store the sprayer in a cool, dry place, away from direct sunlight and freezing temperatures. Ensure the tank is empty and clean.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

- **No Pressure or Low Pressure:**
 - Check if the tank lid is securely tightened.
 - Inspect the pump seals and O-rings for wear or damage.
 - Ensure the pump mechanism is fully engaged.
- **Uneven Spray Pattern or Clogging:**
 - Clean the nozzle and filter thoroughly.
 - Ensure the solution is properly mixed and free of solid particles.
- **Leaks:**
 - Check all connections (hose, lance, nozzle) for tightness.

- Inspect seals and O-rings for damage and replace if necessary.
- **Stiff Pump Handle:**
 - Initial stiffness may ease with use.
 - Ensure the pump shaft is clean and lubricated.

SPECIFICATIONS

Brand	Matabi
Model Number	M91188
Part Number	83941
Liquid Volume	16 Liters
Item Weight	1 Kilogram
Item Form	Spray
Target Species (Example)	Insects (also suitable for disinfection, degreasing, etc.)
Manufacturer	Matabi

WARRANTY AND SUPPORT

Specific warranty information for the Matabi Super Agro Sprayer Super 16 is not provided in this manual. Please refer to the product packaging, your purchase receipt, or contact the retailer or Matabi directly for detailed warranty terms and conditions.

For technical support, spare parts, or further assistance, please visit the official Matabi website or contact their customer service department. Matabi is known for providing a range of spare parts to ensure the long-term usability of their products.