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TerraKing 45-0633

TerraKing 3 CU FT ATV/UV Spreader

MODEL: 45-0633

Official Instruction Manual

Introduction

This manual provides essential instructions for the safe and effective use of your TerraKing 3 cubic foot ATV/UV Spreader, Model 45-0633. This versatile spreader is engineered for year-round application of various materials, including granular fertilizer, grass seed, rock salt, and calcium chloride. Its robust design, 240 lb hopper capacity, and precise controls ensure efficient and accurate spreading.



Image: TerraKing 3 Cu. Ft. Spreader highlighting key features like poly hopper, 12-volt motor, 25-foot spread width, and 3-point compact utility tractor hitch.

Specifications

- **Model:** 45-0633
- **Hopper Capacity:** 3 cubic feet (up to 240 lbs of media)
- **Motor:** Sealed 12-volt electric motor, 1/3 horsepower
- **Spread Width:** Up to 25 feet
- **Product Dimensions:** 35.15 x 32.38 x 30.55 inches
- **Item Weight:** 100 pounds

- **Manufacturer:** Agri-Fab

**TERRAKING™** RULE YOUR DOMAIN

3 Cu. Ft. 3-Point Spreader

45-0633



- ☒ 3 cu. ft. poly hopper capacity up to 240 lbs. of media for longer work time
- ☒ Sealed 12 volt electric motor for increased protection
- ☒ Spread width up to 25 ft. for maximized coverage of rock salt, fertilizer, grass seed, or weed control

1Yr Warranty

Image: Front view of the TerraKing 45-0633 ATV/UV Spreader, showcasing its robust construction and attachment to a utility vehicle.

Setup

1. **Unpacking and Inspection:** Carefully remove all components from the packaging. Inspect all parts for any signs of damage during transit. Verify that all items listed in the packing list are present.
2. **Assembly:** Refer to the separate assembly guide provided with your purchase for detailed, step-by-step assembly instructions. Ensure all bolts, nuts, and other fasteners are securely tightened to the specified torque values.
3. **Mounting to ATV/UV:** Securely attach the spreader to your All-Terrain Vehicle (ATV) or Utility Vehicle (UV) using the appropriate hitch system. Confirm that the mounting is stable and capable of safely supporting the spreader's weight when fully loaded with material.
4. **Electrical Connection:** Connect the 12-volt electric motor to your vehicle's power source. It is crucial to ensure the connection is properly fused and grounded to protect against electrical shorts and damage to both the spreader and your vehicle.



Image: Side view of the TerraKing 45-0633 ATV/UV Spreader, illustrating its attachment to a tractor and the overall structure.

Operating Instructions

1. **Loading Material:** Fill the 3 cubic foot poly hopper with the desired spreading material. This can include granular fertilizer, grass seed, rock salt, or calcium chloride. Do not exceed the maximum capacity of 240 pounds.
2. **Adjusting Spread Width:** The spreader features a variable speed control for the spreader plate. Adjust this control to achieve the desired spread width, up to 25 feet, based on the material being used and the area to be covered.
3. **Engaging Operation:** Once the material is loaded and spread width is set, engage the 12-volt electric motor. Drive your ATV/UV at a consistent, appropriate speed to ensure an even and uniform distribution of the material.
4. **Using Deflector Plates:** The integrated deflector plates can be adjusted to fine-tune the spread pattern. Use these to prevent material from being spread into unwanted areas, such as flowerbeds or walkways.

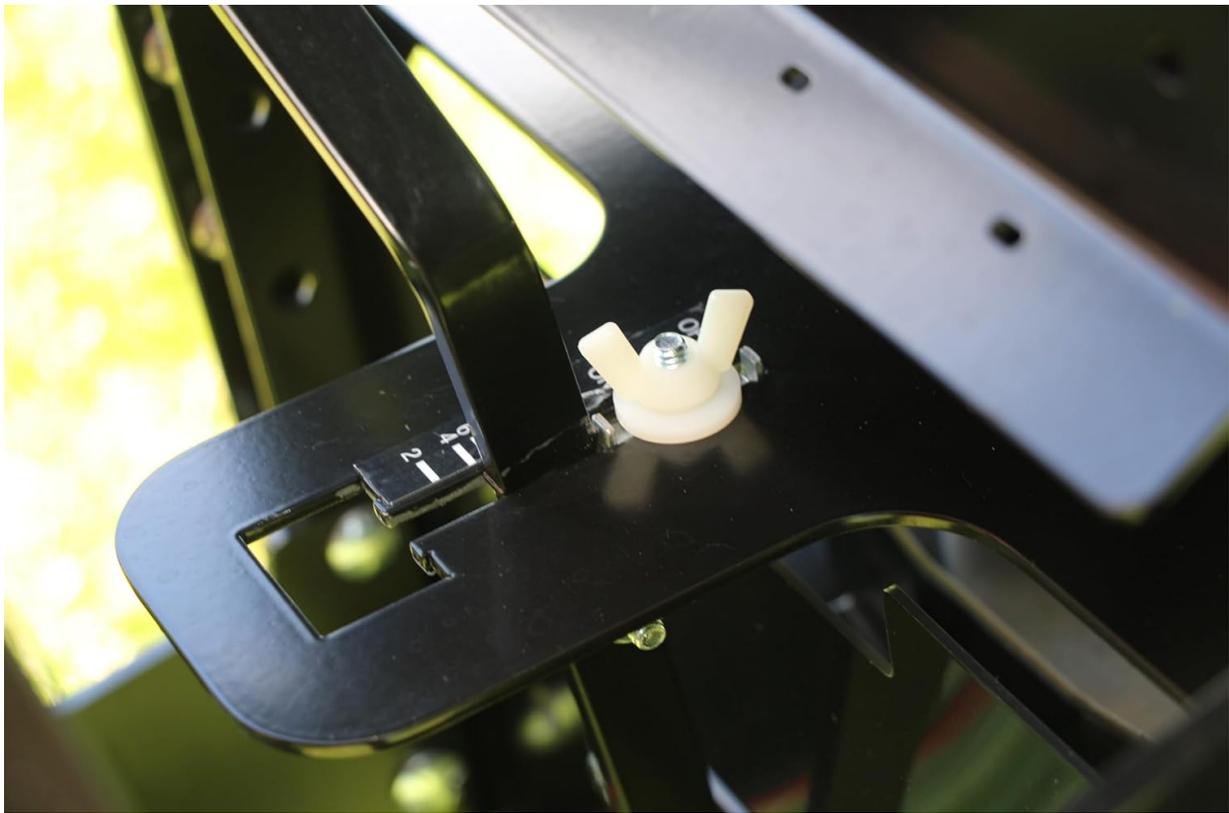


Image: Close-up view of the variable speed control knob, allowing precise adjustment of the spreader plate for optimal material distribution.

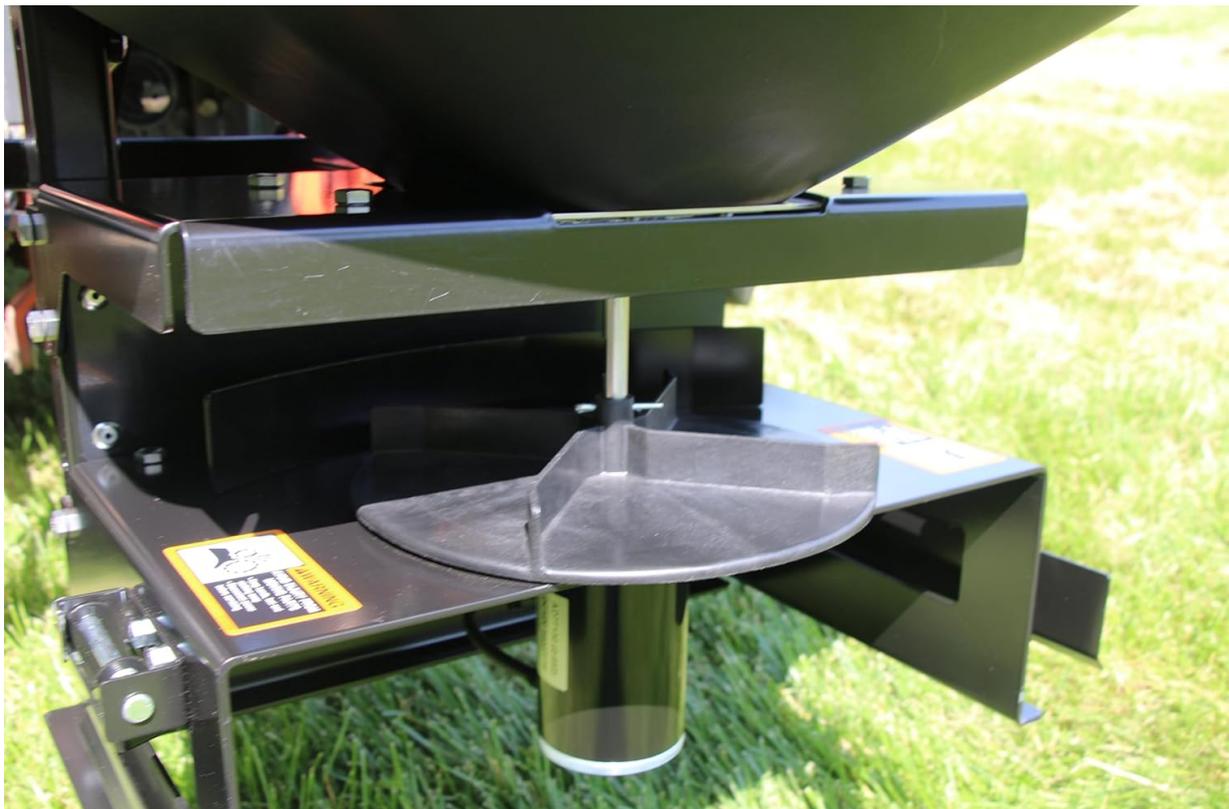


Image: Detailed view of the spreader's deflector plates and the internal mechanism, showing how material is dispersed.

Maintenance

- **Post-Use Cleaning:** After each use, especially when spreading corrosive materials like rock salt or calcium chloride, thoroughly clean the hopper and all spreader components. Rinse with water and allow to dry completely to prevent corrosion and material buildup.

- **Regular Inspection:** Periodically inspect all moving parts, electrical connections, and fasteners. Check for signs of wear, damage, or looseness. Tighten any loose fasteners and replace worn or damaged components promptly.
- **Lubrication:** Apply lubricant to moving parts as recommended in the detailed product manual (if applicable) to ensure smooth operation and extend the lifespan of your spreader.
- **Storage:** When not in use, store the spreader in a dry, protected environment to shield it from weather elements and prolong its operational life.



Image: Rear view of the TerraKing 45-0633 ATV/UV Spreader in operation, demonstrating the material being spread.

Troubleshooting

- **Spreader Not Operating:**
 - Check all electrical connections for secure fit and absence of corrosion.
 - Verify that the 12-volt power source from your vehicle is active and providing sufficient power.
 - Inspect the motor for any visible damage or obstructions that might prevent it from turning.
- **Uneven Spread Pattern:**
 - Ensure the spreading material in the hopper is not clumping or bridging, which can restrict flow.
 - Check for any obstructions within the spreader mechanism or around the deflector plates.
 - Confirm that the variable speed control is set appropriately for the specific material being spread.
- **Material Not Flowing:**
 - Ensure the material is dry and free-flowing. Damp material can clog the system.
 - Inspect the hopper outlet and spreader plate for any blockages.
 - If equipped with an agitator, verify it is functioning correctly to prevent material from settling.

Warranty

The TerraKing 3 CU FT ATV/UV Spreader (Model 45-0633) is covered by a 1-year warranty. For complete details regarding coverage, terms, and conditions, please refer to the warranty card included with your product purchase.

Support

For technical assistance, inquiries about replacement parts, or any additional product information, please contact TerraKing customer support. You can also visit the [TerraKing Store on Amazon](#) for more products and resources.