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› Suchtale 90 lbs Tow-Behind Broadcast Spreader Instruction Manual

Suchtale B0DBHP154T

Suchtale 90 lbs Tow-Behind Broadcast Spreader Instruction Manual

Model: B0DBHP154T

1. INTRODUCTION

This manual provides instructions for the safe and efficient operation, assembly, and maintenance of your Suchtale 90 lbs Tow-Behind Broadcast Spreader. This spreader is designed for distributing various granular materials such as fertilizer, seeds, and other lawn care products across a wide area.

Key features include a robust metal hopper with a 90-pound capacity, 10-inch pneumatic tires for diverse terrain, and an adjustable flow control lever for precise material distribution.



Figure 1: Suchtale 90 lbs Tow-Behind Broadcast Spreader. This image shows the overall design of the spreader, featuring its black metal hopper, frame, and pneumatic tires.

2. SAFETY INFORMATION

Always read and understand all instructions before operating the spreader. Failure to follow safety guidelines may result in injury or damage to the equipment.

- **Read the Manual:** Familiarize yourself with all controls and proper usage procedures.
- **Wear Appropriate Gear:** Always wear safety glasses, gloves, and sturdy footwear when operating the spreader.
- **Keep Clear:** Ensure children, pets, and bystanders are kept at a safe distance from the operating area.
- **Secure Attachment:** Always ensure the spreader is securely attached to the towing vehicle before operation.
- **Load Safely:** Do not overload the hopper beyond its 90 lbs capacity. Distribute material evenly.
- **Maintain Control:** Operate the towing vehicle at a safe, controlled speed. Avoid sudden turns or stops.
- **Storage:** Store the spreader in a dry, secure location, out of reach of children.

3. PRODUCT COMPONENTS AND FEATURES

The Suchtale Tow-Behind Broadcast Spreader is engineered with several features to enhance its performance and durability:

3.1. High Capacity Hopper

The spreader features a robust metal hopper with a capacity of up to 90 pounds, minimizing the need for frequent refills. This upgraded metal construction offers enhanced abrasion resistance and durability compared to plastic alternatives.



Figure 2: The 90 lbs capacity hopper filled with granular material, demonstrating its ability to handle various seed and fertilizer types.



Figure 3: Close-up view of the durable sheet metal hopper interior.

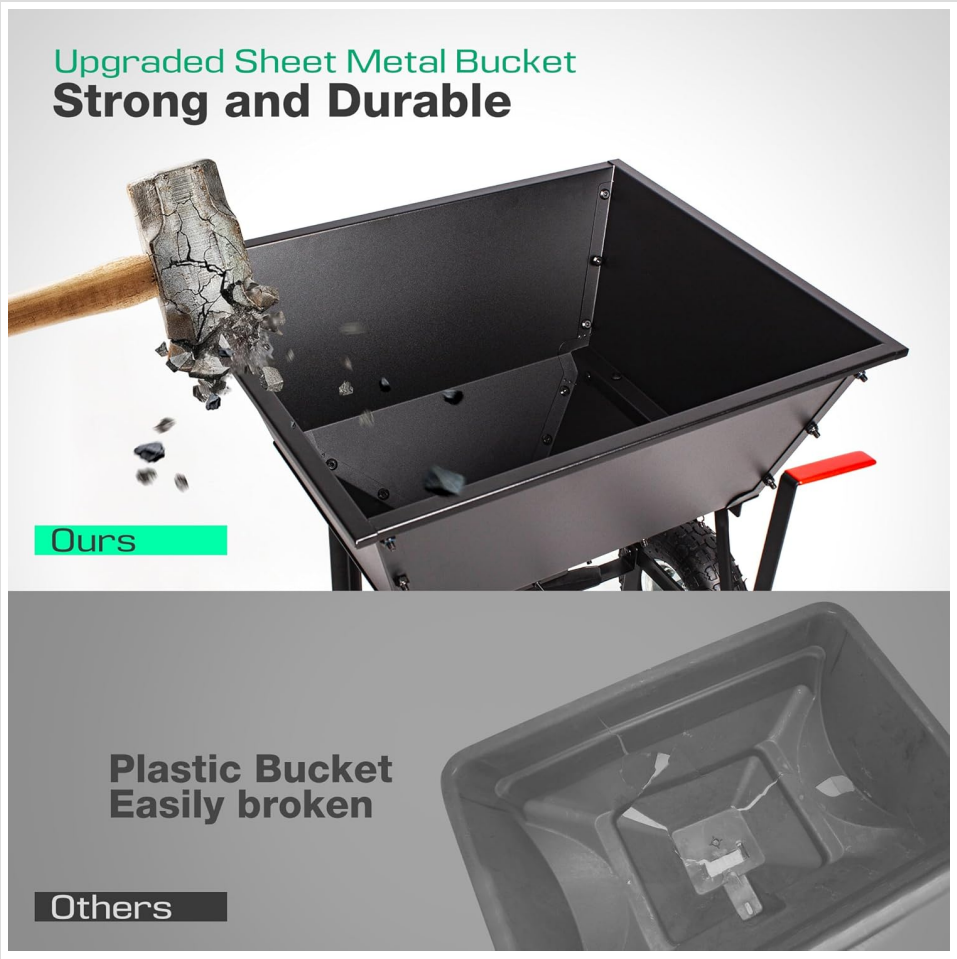


Figure 4: Comparison illustrating the robust construction of the upgraded sheet metal bucket against a typical plastic bucket.

3.2. Adjustable Flow Control

An extended flow control lever allows for easy adjustment of material distribution directly from the towing vehicle's seat. The five-stage adjustable outlet and trapezoidal hopper design ensure consistent and even spreading across a 10 to 12-foot width.



Figure 5: Illustration of the 10-12 foot spreading width and the accessible flow control lever.



Figure 6: Detailed view of the multi-stage adjustable flow control lever.

3.3. Durable Tires and Frame

Equipped with rugged 10-inch pneumatic tires, the spreader is designed to navigate various ground conditions, including lawns, fields, and gravel. The frame is constructed from powder-coated steel for enhanced durability and corrosion resistance.



Figure 7: The 10-inch pneumatic tires shown on different terrain types: lawn, fields, and gravel land.



Figure 8: Close-up view of a rugged 10-inch pneumatic tire.

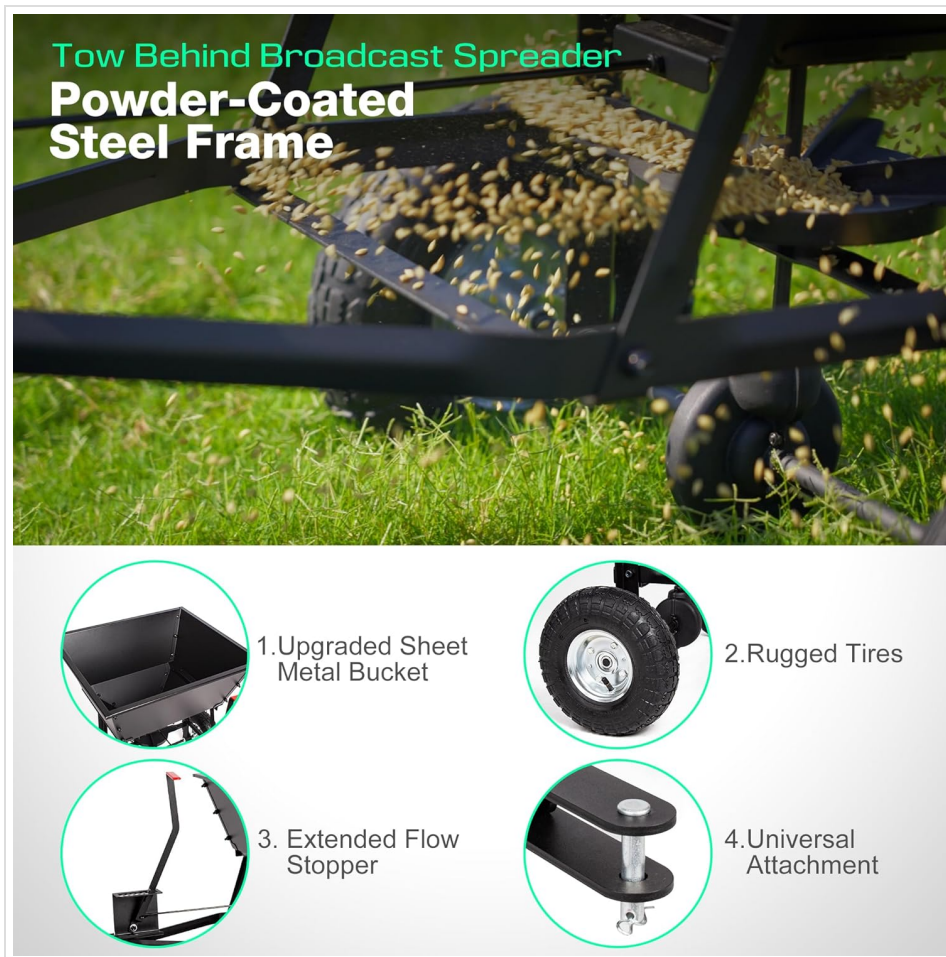


Figure 9: Overview of key components including the upgraded sheet metal bucket, rugged tires, extended flow stopper, and universal attachment.



Figure 10: Detailed view of the universal attachment mechanism for connecting to a towing vehicle.

4. SETUP AND ASSEMBLY

The Suchtale Tow-Behind Broadcast Spreader is designed for straightforward assembly. It includes detailed instructions and features pre-assembled components to simplify the process.

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the included parts list.
2. **Assemble Frame:** Follow the step-by-step instructions to connect the frame sections. Ensure all bolts and fasteners are tightened securely.
3. **Attach Wheels:** Install the 10-inch pneumatic tires onto the axle. Ensure cotter pins or retaining clips are properly inserted to secure the wheels.
4. **Mount Hopper:** Secure the metal hopper to the assembled frame.
5. **Install Flow Control Lever:** Attach the extended flow control lever mechanism, ensuring it connects correctly

to the hopper's outlet gate.

6. **Connect Attachment Hitch:** Secure the universal attachment hitch to the front of the spreader frame.
7. **Final Check:** Before first use, inspect all connections for tightness and ensure all moving parts operate freely.

The pre-installed gear system and pre-sorted parts are intended to reduce assembly time and potential confusion.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your broadcast spreader:

1. **Attach to Vehicle:** Securely connect the spreader's hitch to your towing vehicle (e.g., lawn tractor, ATV).
2. **Load Material:** Fill the hopper with the desired granular material (fertilizer, seeds, etc.). Do not exceed the 90 lbs capacity.
3. **Adjust Flow Rate:** Use the extended flow control lever to select the appropriate spreading rate. Refer to the material manufacturer's recommendations for optimal application rates. The five-stage adjustable outlet allows for precise control.
4. **Begin Spreading:** Start the towing vehicle and maintain a consistent, moderate speed. Engage the flow control lever to open the hopper gate and begin material distribution.
5. **Maintain Overlap:** To ensure even coverage, overlap each pass slightly. The spreader provides a 10 to 12-foot spreading width.
6. **Stop Spreading:** Before stopping or turning, disengage the flow control lever to close the hopper gate and prevent over-application in one area.
7. **Empty and Clean:** After use, empty any remaining material from the hopper and thoroughly clean the spreader to prevent corrosion and clogging.

This spreader is suitable for various applications throughout the year, including spring planting, summer fertilizing, and fall seeding or weeding.



Figure 11: An individual operating the Suchtale spreader attached to a riding mower, demonstrating typical use.

6. MAINTENANCE

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

- **Cleaning:** After each use, thoroughly clean the hopper, agitator, and spreading mechanism to remove any residual material. Rinse with water and allow to dry completely to prevent corrosion.
- **Lubrication:** Periodically check and lubricate moving parts, especially the axle, gears, and spinner shaft. Apply a suitable grease or lubricant as needed to ensure smooth operation and prevent wear.
- **Inspect Fasteners:** Regularly check all bolts, nuts, and cotter pins for tightness. Replace any worn or damaged fasteners immediately. Pay particular attention to wheel attachment pins.
- **Tire Pressure:** Maintain proper air pressure in the pneumatic tires as specified on the tire sidewall.
- **Storage:** Store the spreader in a dry, covered area to protect it from weather elements.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your spreader.

Issue	Possible Cause	Solution
Wheels detach or cotter pins break.	Weak or improperly installed cotter pins; excessive load or rough terrain.	Inspect cotter pins for damage and replace with stronger, appropriately sized pins if necessary. Ensure pins are fully inserted and secured. Avoid overloading.

Issue	Possible Cause	Solution
Adjustment handle is flimsy or does not hold setting.	Worn or loose adjustment mechanism; insufficient tension.	Check the lever's connection points and tensioning mechanism. Tighten any loose fasteners. If damaged, consider replacement parts.
Spinner mechanism stops or disengages.	Gear slippage; obstruction in spinner; lack of lubrication.	Inspect the gear system for proper engagement and wear. Clear any debris from the spinner. Apply lubricant to gears if dry.
Uneven material distribution.	Incorrect flow rate setting; clogged outlet; inconsistent towing speed.	Verify flow control setting. Clear any blockages from the hopper outlet. Maintain a consistent towing speed.
Difficulty reaching control lever from towing vehicle.	Spreader design not optimized for specific vehicle type (e.g., zero-turn mower).	Adjust seating position if possible. If not, dismount to adjust the lever as needed. Consider aftermarket extensions if available and safe.

8. SPECIFICATIONS

Detailed specifications for the Suchtale Tow-Behind Broadcast Spreader:

Feature	Detail
Model Number	B0DBHP154T
Hopper Capacity	90 lbs
Spreading Width	10-12 feet
Tire Type	10-inch Pneumatic
Hopper Material	Upgraded Metal
Frame Material	Powder-Coated Steel
Item Weight	42.5 pounds
Package Dimensions	26 x 17.5 x 9 inches

Product size

Ideally sized for optimal performance



Figure 12: Diagram illustrating the key dimensions of the spreader.

9. WARRANTY AND CUSTOMER SUPPORT

Suchtale is committed to ensuring customer satisfaction. If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact our customer service team.

For support, please refer to the contact information provided with your purchase documentation or visit the official Suchtale website. Our team is available to provide expert assistance and resolve any issues you may encounter.