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› Charles Walters Equipment CW2500 Broadcast Spreader User Manual

Charles Walters CW2500

Charles Walters Equipment CW2500 Landscape Rated Broadcast Spreader User Manual

Model: CW2500

INTRODUCTION

This manual provides essential information for the safe and effective use of your Charles Walters Equipment CW2500 Landscape Rated Broadcast Spreader. Please read these instructions carefully before assembly, operation, or maintenance. Keep this manual for future reference.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling materials and operating the spreader.
- Ensure the spreader is on stable, level ground before loading materials.
- Do not overload the hopper beyond its 80 lbs capacity.
- Keep children and pets away from the operating area.
- Clean the spreader thoroughly after each use to prevent material buildup and corrosion.
- Inspect the spreader for any damaged parts before each use. Do not operate if parts are damaged.

PRODUCT OVERVIEW AND FEATURES

The Charles Walters Equipment CW2500 is a landscape-rated broadcast spreader designed for efficient application of fertilizer, seed, and ice melt on lawns, walkways, and driveways.

Key Features:

- **Smooth Operation:** Equipped with two wide, knobby 12-inch pneumatic tires for easy rolling across various terrains.
- **Large Capacity Hopper:** Measures approximately 21.5" L x 22" W x 10" H, capable of holding up to 80 lbs of material. Features an oscillating spider agitator for continuous material flow and reduced drag.
- **Durable Construction:** Built with a painted steel frame, stainless-steel fasteners, and a stainless-steel axle for reliability.
- **Adjustable Spread:** Offers an approximate spread width of 20 feet, with an adjustable-rate control from a 1 to 20 scale. Includes an adjustment plate for left and right pattern control.
- **Winter Spreading Capability:** Comes with a winter material plate for high output and spread width reduction when applying salts and deicer. Rock salt should only be used with the Winter Material Plate installed.



Image: The Charles Walters CW2500 Broadcast Spreader, ready for use on a lawn.



RATE CONTROL

1 TO 20 SCALE WITH T BAR STYLE LEVER
AND RATE SETTING LOCK MECHANISM



IMPELLOR

9.4" SHAPED FOUR FIN IMPELLOR PROVIDES
SPREAD WIDTH UP TO 20 FEET

GEAR BOX

ENCLOSED GEARBOX MADE FROM
COMPOSITE MATERIAL, HARD-WEARING
CONSTRUCTION AND XL BUSHINGS



WHEELS

12" PNEUMATIC TIRES ARE GREAT FOR
WORKING ON ROUGH OR HILLY TERRAIN



Image: Detailed view of the CW2500 spreader's components, including rate control, impellor, gearbox, and pneumatic wheels.



CW2500

LANDSCAPE RATED BROADCAST SPREADER

Image: Diagram illustrating the dimensions of the CW2500 Broadcast Spreader.

Your browser does not support the video tag.

Video: An overview of the Charles Walters CW2500 Spreader, highlighting its features and benefits for various applications.

SETUP AND ASSEMBLY

The Charles Walters Equipment CW2500 Spreader comes partially assembled. Follow the instructions below to complete the assembly:

1. Unpack all components and verify against the parts list (not provided in this document, refer to packaging).
2. Attach the handle assembly to the main frame using the provided hardware. Ensure all bolts are securely tightened.
3. Connect the control rod linkage from the handle to the spreader mechanism. Verify smooth operation of the on/off mechanism.

4. Ensure the hopper is securely seated on the frame.
5. Inflate tires to the recommended pressure (check tire sidewall for details).

Note: For detailed visual assembly instructions, refer to the assembly diagram included with your product packaging.

OPERATING INSTRUCTIONS

1. Loading Material:

- Ensure the flow control lever is in the "OFF" position before loading.
- Carefully pour the desired material (fertilizer, seed, ice melt) into the hopper. Do not exceed the 80 lbs capacity.
- For best results, break up any large clumps of material before loading to prevent jamming.

2. Setting the Spread Rate:

- Consult the material manufacturer's recommendations for the appropriate application rate.
- Adjust the rate control lever on the handle to the desired setting (1 to 20 scale).
- For winter spreading with salts or deicer, ensure the winter material plate is installed. This plate provides high output and reduces spread width.

3. Spreading Techniques:

Achieve an even spread by following these techniques:

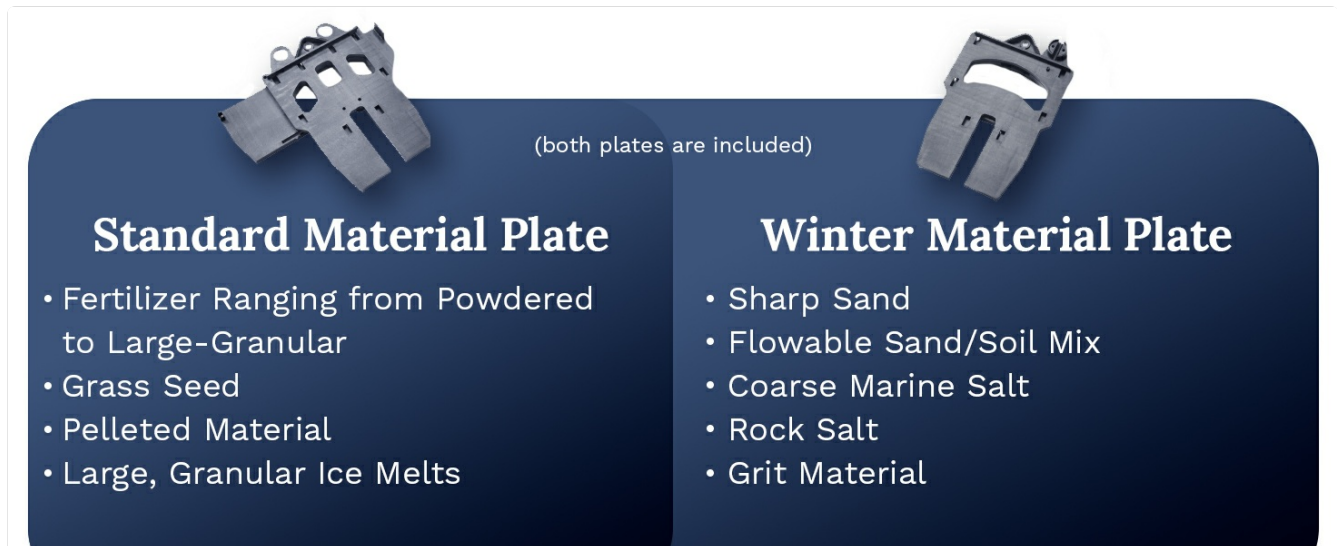


Image: Diagram illustrating two common spreading patterns for even material distribution.

- **Method 1 (Up and Down Track):** Use 1/2 the application rate suggested on your material bag. Cover the area by passing over it in an up and down track, taking into account the spread width of the material being applied.
- **Method 2 (Cross Pattern):** Use 1/2 the application rate suggested on your material bag. Cover the area by making a first pass in an up and down track, then repeat with a second pass going across the area as shown in the diagram.
- Begin walking before opening the flow control and close it before stopping to prevent uneven application.
- Maintain a consistent walking speed for uniform distribution.

4. Adjusting Spread Pattern:

The spreader includes an adjustment plate for left and right pattern adjustment. Refer to the product's physical instructions for specific details on how to adjust this plate to fine-tune your spread pattern.

MAINTENANCE

- **Cleaning:** After each use, empty any remaining material from the hopper. Rinse the hopper and spreader mechanism thoroughly with water. Allow all parts to dry completely before storage.
- **Lubrication:** Periodically lubricate moving parts, such as the axle and gearbox, with a suitable lubricant to ensure smooth operation and prevent corrosion.
- **Storage:** Store the spreader in a dry, covered area to protect it from weather elements.
- **Inspection:** Regularly inspect the tires for proper inflation and wear. Check the frame, fasteners, and axle for any signs of damage or corrosion. Replace worn or damaged parts immediately.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Material not spreading evenly or flow is inconsistent.	Clumped material in hopper; incorrect rate setting; agitator not functioning; uneven walking speed.	Break up clumps before loading. Adjust rate setting. Check agitator for obstructions. Maintain consistent walking speed.
Spreader is difficult to push.	Under-inflated tires; excessive load; rough terrain.	Check and inflate tires to recommended pressure. Reduce material load. The pneumatic tires are designed for rough terrain, but extremely uneven surfaces may still require more effort.
Flow control lever is stiff or not engaging.	Debris in mechanism; corrosion; bent linkage rod.	Clean the mechanism. Apply lubricant. Inspect linkage for damage and straighten or replace if necessary.

SPECIFICATIONS

- **Model:** CW2500
- **Hopper Capacity:** 80 lbs
- **Hopper Dimensions:** Approximately 21.5" L x 22" W x 10" H
- **Tire Size:** 12-inch pneumatic, knobby
- **Frame Material:** Painted Steel
- **Fasteners/Axle Material:** Stainless Steel

- **Approximate Spread Width:** 20 feet
- **Rate Control:** 1 to 20 scale
- **Item Weight:** 22.8 pounds
- **Package Dimensions:** 26 x 25 x 24 inches
- **Manufacturer:** Charles Walters

WARRANTY AND SUPPORT

For warranty information, spare parts, or technical support, please contact the seller or manufacturer directly. You can reach Esbenshades Garden Center, the seller, for assistance with your Charles Walters Equipment CW2500 Broadcast Spreader.

For general inquiries or to learn more about Charles Walters Equipment, visit their official website or contact their customer service department.