

Agri-Fab 45-0546

Agri-Fab 45-0546 52-inch Tow-Behind Lawn Sweeper Instruction Manual

Model: 45-0546 | Brand: Agri-Fab

1. PRODUCT OVERVIEW

The Agri-Fab 45-0546 52-inch Tow-Behind Lawn Sweeper is designed to efficiently collect grass clippings, leaves, and small twigs, helping to maintain a clean and well-groomed lawn. This manual provides essential information for the safe and effective use of your lawn sweeper.

- **Sweeping Path:** Features an extra-large 52-inch sweeping path for efficient debris collection.
- **Hopper Capacity:** Equipped with a 26 cubic foot hopper bag to hold a significant volume of collected material.
- **Brush System:** Utilizes six 10-inch brushes with a 4.25:1 brush-to-wheel ratio for effective sweeping.
- **Adjustable Brush Height:** Infinite brush height adjustment allows for optimal performance on various lawn conditions, with brushes set to penetrate the grass to a depth of 1/2 inch (13 mm).
- **Easy Dumping:** A convenient dumping rope allows for easy emptying of the hopper bag from the tractor seat.
- **Universal Hitch:** Designed for versatile and quick attachment to all brands of tractors with ground clearance ranging from 8 to 13 inches.
- **Durable Construction:** Built with semi-pneumatic wheels and metal pinion gears for smooth transport and longevity.

2. SAFETY, OPERATION, AND MAINTENANCE OVERVIEW

For detailed safety, operation, and maintenance instructions, please refer to the official Agri-Fab video below. Always read and understand the vehicle manual and owner's manual before use. Do not permit

children to operate the sweeper. Do not permit anyone to ride on the sweeper. Operate the sweeper at reduced speeds on rough terrain, near ditches, and on hillsides to prevent loss of control. Vehicle braking and stability may be affected with the attachment of this sweeper. Do not fill to maximum capacity without checking the capacity of the towing vehicle to safely pull and stop with the sweeper attached. Stay off of steep slopes. Stop and inspect vehicle and sweeper for damage after striking an object. Repair any damage before continuing operation. Keep the sweeper away from fire. Excessive heat can damage the brushes and hopper bag and could cause the bag and its contents to burn. Before storing the sweeper, always empty the hopper bag to avoid spontaneous combustion. Follow maintenance and lubrication instructions as outlined in the maintenance section of this manual. Clean the sweeper after each use. Check the height adjustment slot for packed debris. Before every use, inspect for worn or damaged parts, such as brushes and wheels. Clean the sweeper housing with a soft brush or cloth. Clean debris from the hopper bag with a brush or broom. Remove any material which is wrapped around the brushes or end of the brush shaft.

Video: Agri-Fab 45-0546 (Safety - Operation - Maintenance). This video provides an overview of safety guidelines, operational procedures, and maintenance tips for the lawn sweeper.

3. SETUP

3.1 Unboxing and Parts Identification

Upon receiving your Agri-Fab 52-inch Tow-Behind Lawn Sweeper, carefully unbox all components. Refer to the 'What's in the Box' video for a visual guide to identify all parts before assembly.

Video: Agri-Fab 45-0546 (What's in the Box). This video guides you through identifying all components included in the product packaging.

3.2 Assembly

Assembly is required for the lawn sweeper. Follow the instructions provided in the owner's manual. For a comprehensive visual guide, watch the full video instructions below.

Video: Agri-Fab 52" Tow Lawn Sweeper (Full Video Instructions). This video provides step-by-step instructions for assembling your lawn sweeper.

3.3 Attaching to Your Tractor

The Agri-Fab lawn sweeper features a universal hitch designed for easy and quick attachment to all brands of tractors. Ensure your tractor has a ground clearance between 8 and 13 inches for optimal compatibility.



Image: Universal Hitch. This image shows the universal hitch mechanism, designed to connect the sweeper to various tractor models.



Image: Hitch Connection. A close-up view of the hitch connecting the lawn sweeper to a tractor, highlighting the secure attachment points.

4. OPERATING INSTRUCTIONS

4.1 Adjusting Brush Height

Proper brush height is crucial for effective sweeping. Adjust the brushes to penetrate the grass to a depth of approximately 1/2 inch (13 mm). This can be done using the infinite brush height adjustment lever.



Image: Brush Height Adjustment. This image illustrates how to adjust the brush height using the lever, ensuring optimal contact with the lawn surface.



Image: Brush Height Lever. A detailed view of the brush height adjustment lever, showing the mechanism for setting the desired sweeping depth.

4.2 Sweeping Your Lawn

Once attached and adjusted, tow the sweeper behind your tractor. The semi-pneumatic tires ensure smooth transport across the working area. The brushes will rotate as the sweeper moves, collecting leaves, grass clippings, and small twigs into the 26 cu. ft. hopper bag.



SEMI-PNEUMATIC WHEELS FOR EASE OF TRANSPORT

Image: Extra Large 52-inch Sweeping Path. This image demonstrates the wide sweeping path of the lawn sweeper as it collects debris.

4.3 Emptying the Hopper Bag

When the hopper bag is full, use the convenient dumping rope to empty its contents without dismounting from your tractor. This feature allows for continuous operation and reduces effort.



UNIVERSAL HITCH FIT FOR ALL TRACTOR TYPES

Image: Easy-to-Reach Dump Handle. This image shows the dump handle and rope, allowing the operator to empty the hopper from the tractor seat.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your Agri-Fab lawn sweeper. Always refer to the owner's manual for detailed maintenance schedules and procedures.

- **Cleaning:** Clean the sweeper and hopper bag thoroughly after each use to prevent rust and mildew. Remove any material wrapped around the brushes or brush shaft.
- **Inspection:** Before each use, inspect for worn or damaged parts, especially brushes and wheels. Check the height adjustment slot for packed debris.
- **Storage:** Always empty the hopper bag before storing the sweeper to avoid spontaneous combustion. Store in a dry area.

6. TROUBLESHOOTING

If you encounter any issues with your Agri-Fab lawn sweeper, please refer to the troubleshooting section in your owner's manual. Common issues may include:

- Ineffective sweeping (check brush height adjustment, ground speed).
- Hopper not filling properly (check for clogs, brush wear).
- Difficulty towing (ensure proper hitch connection, check for excessive load).

For persistent problems, contact Agri-Fab customer support.

7. SPECIFICATIONS

| Feature | Detail |
|---------------------------|----------------------------------|
| Brand | Agri-Fab |
| Model Number | 45-0546 |
| Sweeper Width | 52 Inches |
| Hopper Capacity | 26 cu. ft. |
| Product Dimensions | 70"D x 60"W x 38"H |
| Item Weight | 86 Pounds |
| Power Source | Manual (Tow-Behind) |
| Material | Alloy Steel |
| Color | Black |
| Assembly Required | Yes |
| Brush to Wheel Ratio | 4.25:1 |
| Adjustable Cutting Height | 0.5 Inches (Min/Max penetration) |

8. WARRANTY AND SUPPORT

8.1 Warranty Information

All Agri-Fab products, including the 45-0546 52-inch Tow-Behind Lawn Sweeper, come with a **3-year limited warranty**. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For any questions, technical assistance, or warranty service, please contact Agri-Fab customer support. Refer to your owner's manual for specific contact details or visit the official Agri-Fab website.