

Groundbuster Pulverized Lime Spreader

General Use and Maintenance Tips

Before using the *Groundbuster Pulverized Lime Spreader* the following steps should be taken.

1.) Locate and then use a grease gun and squeeze grease into four (4) different grease fittings on this unit.

a.) There is one (1) grease fitting on the inner side of both the right and left wheels. To get easier access, move the handle back and forth that opens the lime dispensing gate drop slots. Slip grease gun tip onto each fitting and fill after every use or as needed.

b.) There is one (1) grease fitting for each axle which is located in the lime holding compartment on the end of the auger/beater axle closest to the center of the unit. Slip grease gun tip onto each fitting and fill after every use. Frequently adding grease to each fitting after every use will push out any old grease which may also contain lime dust. This should help to extend the life of the axle/beater bearing(s).

2.) Use a lubricant or a silicone spray on the tongue of the unit once it has been unpinned and completely removed. Coat the end to be inserted back into the unit for easier sliding motion when selecting different tongue lengths. Re-insert tongue pin through the tongue at the desired length and place cotter pin into hole to secure tongue pin.

3.) Recommend that tongue be used at it's longest length when being pulled by a tractor for better tongue turning clearance of tractor's tires.

4.) The tongue requires a two inch (2") ball to be pulled by an ATV, tractor or other vehicle.

5.) Attach the lime dispensing gate handle to the upright fixed metal handle in the front of the unit with two (2) nuts and bolts provided.

a.) If handle is difficult to move to any open position, loosen the eight (8) nuts that hold lime dispensing gate into place. Silicone spray or another lubricant can be used on this bracket area also to allow for easier sliding from side to side.

b.) Check the rubber lid holders located at the top in the rear of the unit to ensure that they stretch long enough to secure the lid in place. Always have the lid secured when unit is in transport whether full or empty.

Ordering Ag/Pulverized Lime –

- 1.) When contacting a bulk AG/pulverized lime supplier, inform them that you will be using a drop spreader not a spinner spreader and need very clean lime to be delivered. Ask for their best quality, stone free lime. A *Groundbuster Lime Screen* (optional accessory) may be purchased separately. Stone, rock or gravel damage is NOT covered under the *Limited Manufacturer's Warranty*.
- 2.) Select a location as close as possible to the food plot location to dump the lime with single food plots and for a property that has multiple food plots a central location is recommended.
- 3.) Place a tarp on the ground where your lime will be dumped or use a cement pad when possible. This is suggested to reduce the possibility of getting any stones, rocks, gravel or other foreign objects into the unit when filling.
- 4.) Cover the lime pile with a large tarp at all times when the lime is not being used.
- 5.) Bagged pulverized lime can be purchased at many agricultural type stores. It is generally available in 40 lb., 50 lb. or 80 lb. bags.

Filling the Lime Spreader –

- 1.) Pull the lime spreader unit up next to the pile for easier loading.
- 2.) Block wheels on uneven surfaces.
- 3.) Ensure that lime dispensing gate is in the fully closed position.
- 4.) Open and raise the lid in an upright position.
- 5.) Place the *Groundbuster Lime Screen* (optional accessory – strongly recommended) over the lime holding bin and begin to put lime into the unit.
- 6.) When filling lime into the unit, always begin at the top or center point of a pile and not at the ground level.
- 7.) When shoveling by hand, using small bucket loader or bagged pulverized lime, it is best to fill the rear of the unit enough to cover the bottom of the center baffle so that it cannot swing and is closed tightly against the front wall of the unit. Fill either side of the baffle from this point.
- 8.) When using bagged pulverized lime it is recommended to empty the bags of lime into the unit while the unit is in or near the dispensing location.
- 9.) Filling to the top of the unit will be approximately 1, 000 lbs. of pulverized lime.
- 10.) Close the lid and secure with the rubber lid holders to hold lid down.

Traveling to Dispensing Location –

- 1.) When unit has lime in it, travel at slower speeds. It is recommended not to be pulled up steep terrain differences.

2.) Occasionally, bridging of the lime may occur on the longer hauls to the dispensing location(s) or as it settles into the unit. Bridging may occur when the constant turning of the auger/beaters has formed a tunnel around the auger/beater area. If this occurs, please try the following steps in order to break the bridge and allow lime to flow.

a.) Open the lime dispensing gate to a wider setting and drive forward.

b.) Open the lime dispensing gate to widest setting possible and drive forward over rough terrain to break the bridging which should allow the lime to flow. If not, use a shovel to break the bridging inside the unit

c.) Do not use a stick to break the bridging inside the unit as it may break off inside the unit and get caught in the auger/beater system.

d.) If bridging continues, you may want to consider using dry bagged pulverized lime.

Dispensing Lime -

1.) Select the opening you desire for lime flow. Gate opening hole five (5) will dispense approximately one (1) ton to the acre. Lime has different densities, textures and moisture content so this may vary slightly.

After Use Maintenance -

1.) Always wash the unit thoroughly inside and out with clean water. Be sure to thoroughly wash around the center axle/beater bearings.

2.) Moving the handle from side to side and spraying water across the lime dispensing gate opening helps to wash out any lime that may accumulate in between the unit body and sliding dispensing gate.

3.) If the lime dispensing gate becomes difficult to move, remove the four (4) nuts and bolts on the front and the rear of the gate for a total of eight (8) which holds the gate in place. Wash with water to flush out any lime and then spray or apply a lubricant before re-installing the eight (8) lime dispensing gate nuts and bolts.

4.) After unit is washed thoroughly, grease all wheel and axle/beater bearings. This will help to remove excess water and lime that may have accumulated inside the auger/beater bearings.

5.) Since lime is generally corrosive you may want to spray the interior and exterior of the unit with WD-40 or a similar product after thoroughly washing the unit.

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Revised – Dated 18 September 2005