

## Ryan Lawnaire® IV Lawn Aerator

### Before operating the unit:

1. Inspect the site to be aerated. **Flag all sprinkler heads or objects that could damage the machine.**
2. Insure that the lawn is sufficiently watered to provide best operation. You should be able to push a screwdriver into the ground 4 to 5 inches with little effort. Watering several days before aerating will soften the soil and provide the best results.
3. The grass should be mowed shorter than normal for best performance.
4. Make sure the weight bar is secured in place. Fill the weight drum with water.
5. Check engine oil level. Be sure to check oil with engine in LEVEL position. The engine will shut off when operating on slope with low engine oil.

### When Operating the Unit

1. To operate, pull the T-bar throttle/clutch control handle rearward. This allows the engine's RPM to advance to operating speed as the clutch is engaged. releasing the T-bar clutch handle stops the aerator drive immediately while leaving the engine running.
2. Raise the transport wheels and pull down on the handle until the weight drum is clear of the ground. This will put maximum weight on the aeration tines, propelling the unit. The drum is not designed as a roller.
3. Aerate around all boundaries, hazards and obstacles. Two passes should be enough for proper maneuvering and turning.
4. Straight back and forth operation is usually the fastest. If you desire to go over the yard a second time it is best to do so at an angle.
5. Aerate at a 45° angle on slopes. Going straight up and down or trying to go across a slope can increase operator fatigue.
6. Raise the machine on the transport wheels to cross driveways and sidewalks. The weight drum will propel the machine.

### After Operating the Unit

1. Clean and inspect unit. Check for loose hardware, nuts and bolts. Look for soil build-up in the chain sprockets and remove debris if necessary.
2. Tines should be cleaned and oiled to keep them from rusting. **Soil left in the tines can result in damage that could require their replacement.**
3. Drain the drum and lubricate all fittings before storage