

## SETTINGS, CALIBRATION & MAINTENANCE



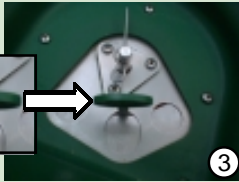
### Setting Your Spreader -

#### Port Openings and Helical Cone

- Proper application with the AccuPro 2000, SR 2000, or R8-A **requires two settings.**
- First obtain the proper settings from information on the bag or a specification sheet.
- Set the port openings to the correct letter (A-Z) found on the rate control plate at the rear of the hopper.
- Set the Helical cone by moving the tab to the correct number. As a general rule, small particle products use the higher number settings and large particle products use the lower numbers.

### Calibrating Your AccuPro 2000 or SR-2000 Spreader -

1. Proper calibration is essential for accurate applications. Check calibration regularly.
2. Set the rate control plate to the "E" position. Push the main shut off lever to "open".
3. Insert the calibration "Key" vertically into the opening of the center port.
4. If the Key fits snugly, the spreader is properly calibrated. If not continue with steps 5-10.
5. Loosen the rate control knob and slide the rate control plate all the way to the left.
6. Insert the calibration Key in the opening and pull the main shutoff lever back to ease the shut off plate against the calibration Key. Use the shut off lever to hold the Key in place.
7. Slide the rate control plate to the right until it contacts with the end of the rate control rod.
8. Tighten the rate control knob. Remove the calibration key and close the shut off lever.
9. Loosen the 2 nuts securing the rate control pointer and slide the pointer to the "E" position.
10. Tighten the 2 nuts on the pointer. Check to see if the Key fits snugly when opened on "E".



### Calibrating an R8-A Spreader -

Set the rate control plate to "E". Then, follow procedures 1 through 10 using a 1/8 inch drill bit or a Scotts "calibration" key to determine the correct port opening.

### Maintaining Your Spreader -

- A. Empty the spreader after use and wash thoroughly. Clean all residue from rotor plate.
- B. Periodically grease the axle bearing housings. Oil the pivot points on the main shutoff /rate control linkage and the spring inside the rate control housing.
- C. Maintain tire pressure at 20 lbs PSI.
- D. If the gear box becomes noisy, remove the covers and clean the gears thoroughly. Lightly grease the gear teeth.
- E. Before each use check for loose bolts and damaged parts.
- F. Make sure the shutoff control rod does not bind.
- G. When using a SR 2000, check for the correct operation of the deflector assembly and proper position of the port shutoff cable.
- H. Use a "Collection Box" to insure the most accurate calibration. Contact PSB at (614) 559-2655 to find out where to purchase a "PrizeLawn AccuRate Calibrator".



### Calibrating Walking Speed

Walking speed is an application variable that's often overlooked.

- +/- 0.5 mph = 16.7% change in rate
- +/- 1.0 mph = 33.3% change in rate



3 mph is equal to:  
4.4 feet per second or 44 feet per 10 seconds



### Remember, Proper Applications Require:

- Correct rate setting
- Correct Helical Cone setting
- A well maintained spreader
- Proper walking speed

To order parts, call PSB at 614-559-2705 or fax to 614-221-9398



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