WARNING - DROP SPREADER

Any piece of equipment can be dangerous if not operated properly. YOU are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, DO NOT USE THIS EQUIPMENT!!!

CALIBRATION APPLICATION

1. DETERMINE APPLICATION SPEED Use these distances traveled in one minute:

1 mph 88 ft	2 mph 176 ft	3 mph 264 ft	4 mph 352 ft	5 mph 440 ft
1 km/h 16.67 m	2 km/h 33.34 m	3 km/h 50 m	4 km/h 66.68 m	5 km/h 83.35 m

2. SET GAUGE

Move gauge away from the stop before attempting adjustment. Turn gauge to desired number, using the top surface of the stop as the setting indicator.

You can 'fine tune' the gauge with extreme precision. The gauge is marked in increments of one. If you adjust one tenth of one gauge stop, from 27.7 to 27.8, for example, the slide will open approximately on thousandth of an inch more.

Check your results as outlined in Step 3 and make adjustments as necessary.

NOTE: Always move the gauge away from the stop before attempting to set the gauge.

3. CHECK RATE

Making a precision application is now simply a matter of filling up the hopper, moving the lever so the gauge is against the stop, walking at your selected speed, and checking your rate.

Check your rate as follows:

1. Empty the hopper of all material.
2. Dump two 50lb bags (or whatever size is standard for the material you are using) into the hopper-placing one bag into each "half" of the hopper.
3. Treat a known area, such as 1,000 square feet at your desired speed.
4. Empty and weigh the material that is left inside the hopper after treatment.
5. Calculate the rate in lbs./sq. ft by using:

$$\text{Rate} = \frac{(\text{Weight Before Treatment}) - (\text{Weight After Treatment})}{\text{Area Treated}}$$

NOTE: Weights are measured in lbs. and Area Treated is measured in sq. ft.

NOTE: When first using the spreader and checking rate, it is best to start with a lower (smaller gate opening) gauge number. Applying product at a higher rate than product specification could damage turf.

It is important that you check your rate to see that the setting you chose is giving you the results you want.

Atmospheric conditions alone can affect the flow of materials.

CAUTION: When applying high potency fertilizer that will burn, be sure to be moving when beginning application.

SPECIFICATIONS

Model	P70-12010 36" Drop Spreader
Hopper Capacity	120 lbs. (1.8 cu.ft.)
Rotor	Three rods spaced uniformly around rotor.
Rotor Bearing	Porous, oil-impregnated, sintered bronze alloy, sleeve type.
Rate Gauge	Precision cam gauge.
Adjustable Rate Bottom and Rate Control Slide	Stainless steel bottom and slide micro-precision mated. Openings uniform for all gauge settings. Snaps off for cleaning.
Fixed Rate Bottom	Powder coated bottom with 1/2" openings for a fixed flow rate.
Shut-Off	Crank lever closes slide of standard variable rate bottom.
Wheel	Rubber-tired 13" molded plastic tire, 5" wide.
Spread Plate	Standard, angle adjusted by chain to produce sheet-like application and act as wind guard.
Extra Equipment	Fixed-rate bottom to replace variable-rate bottom. Applies top dressing or other material through fixed slot.

⚠ **WARNING**: This product contains Chromium from steel products which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment. **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**