

## CHIPCO® CHOICE™ 0.1G BROADCAST APPLICATION SPREADER SETTINGS FOR 12.5 LBS. PRODUCT PER ACRE

**NOTE:** Due to the 20/50 mesh size and very low application rate of Chipco® Choice™ 0.1G, it is important that the below calibration settings be used as initial test settings when calibrating. The use of positive displacement equipment is highly recommended. Positive displacement equipment includes Gandy OrbitAir® machines and Course-Air® machines. Each piece of equipment should be carefully calibrated before use.

**chipco choice™ CALIBRATION TIPS:** Consistent travel speed is a must with orifice metered equipment. Wind speed can severely alter the granule pattern. Gandy drop spreaders are highly recommended due to good flow rate and consistent swath width. Vicon pendulum spreaders also work well due to large effective swath and ease of calibration. Calibration is accomplished by removing the pendulum, choosing a setting and allowing the product to fall into a container which can be weighed and returned to the applicator hopper. Calibration is difficult for spin spreaders since the impeller or spinning blade hampers or prevents the capture of product flowing from the orifice. On the push models with multiple holes it is imperative that you close off the outer holes (with tape) and use the center hole only to achieve proper dose rate. Most orifice diameters (calibration settings) are measured in inches using drill bits. By using common drill bits to adjust the orifice size, calibration can be simple and quick.

1. Expand the orifice on the application to be calibrated.
2. If more than one hole, tape up the outer holes and leave the center hole open.
3. From the table below, locate the opening diameter required.
4. Insert the drill bit shaft into the orifice (center hole if application has multiple holes) and adjust the opening until it is tight against the drill bit. Make sure bit is located in the largest part of the opening.
5. Remove the drill bit, close the opening and load product into the hopper.
6. Check calibration rate before beginning application.

Rates should be verified during application by comparing amounts of product used to acres applied. Adjust application rate accordingly.

Applicator brand	Model	Type	Swath In Feet	Speed MPH	Applicator Setting	Opening Diameter
Earthway EV-N-Spread*	2150	Push	5	3	6.5	4/64"
Earthway*	EV-N-Spread	ATV Mount	9	6	9	9/64"
Earthway*	EV-N-Spread	ATV Mount	9	8	9.5	
Earthway*	EV-N-Spread	ATV Mount	9	10	10	10/64"
Gandy	30H12	Drop	2.5	3	7	
Lesco*		Push	8	3	B	12/64"
Scotts*	Pro	Push	9	3	F	11/64"
Spyker*		Push	8	3	1.78	
Vicon	Pendulum RS203/303	3 Point Hitch (Tractor)	20	4	45	
Vicon	Pendulum RS203/303	3 Point Hitch (Tractor)	20	6	5.25	
Vicon	Pendulum RS203/303	3 Point Hitch (Tractor)	20	8	6.05	

\*Indicates outer orifice holes inside of hopper were closed off (using tape) leaving only the center hole for application.



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