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Calibration Information for COUNTER® 15-G Soil Insecticide

EPA Reg. No. 241-238-AA

ALWAYS FOLLOW PRECAUTIONS ON CONTAINER LABEL WHEN USING THIS PRODUCT

INTRODUCTION
It is most important that planter-mounted insecticide applicators be properly set to deliver the labeled rate of COUNTER 15-G for best insect control and environmental protection.

The following information has been prepared to help growers determine the desired rate of application and applicator setting.

FIRST, READ THE LABEL!
Always read the label before applying COUNTER 15-G. The Directions for Use provide the rate of COUNTER 15-G to be used for insects to be controlled. The rate is specified in terms of ounces per 1,000 feet of row and pounds per acre. IMPORTANT, Note that the rate per acre listed applies only to 40-inch rows, but that the given rate per length of row (ounces per 1,000 feet of row) remains the same for any row width. Therefore, more narrow rows will require a higher rate per acre than the 40-inch rows as shown by the following table:

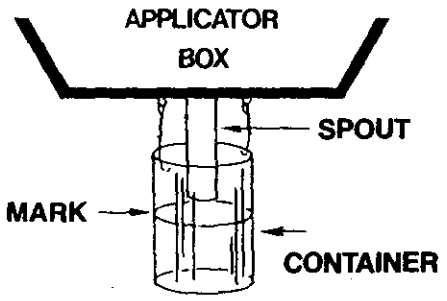
Typical Application Rates for Various Row Spacings at 8 ounces per 1,000 feet of row*
(approximately 60 rods)

Row Spacing	30"	32"	34"	36"	38"	40"
Pounds Per Acre COUNTER 15-G	8.7	8.2	7.7	7.3	6.9	6.5

*at 16 ounces per 1,000 feet of row, the pounds per acre shown should be doubled.

SECOND, CALIBRATE.

A. A calibration test is relatively simple to run if a small scale is available which will accurately weigh ounces. Just follow these instructions:



1. Read the product label to obtain the proper rate per 1,000 feet of row for the crop and insect to be controlled.
2. Weigh out the indicated amount of COUNTER 15-G per 1,000 feet of row and place in a small container which can be used to catch the output of one of the applicator spouts. Mark the level reached. Empty the container into the hopper.
3. Detach applicator tube from applicator box spout and hang empty container from spout to catch granules.
4. Fill applicator box with COUNTER 15-G and set at manufacturer's suggested setting for the rate per 1,000 feet desired. (Or see B below.)
5. Run planter-applicator in field at planting speed for 1,000 feet at the manufacturer's suggested setting. (Be sure flow is cut off before starting run and as soon as planter is stopped.)
6. Check the level obtained in the container. If above the mark reduce the setting 1 or more notches; if below the mark increase setting.
7. Repeat #5 and #6 until the amount is "on the mark".

B. The following gauge settings may be used for the above calibration test:

When label rate is 8 ounces per 1,000 feet of row, use these suggested starting gauge settings, regardless of row spacing:

APPLICATOR	PLANTING SPEED 3 mph	5 mph	7 mph
Gandy	18	24	28
New Noble(Square Hole)	8	12	16
Old Noble(Round Hole)	11	17	23
International Harvester	1/7.0	2/1.5	2/7.5
New John Deere	13	19	25
Old John Deere	1/28	2/6	2/15
Allis Chalmers	All Speeds–Gauge 7		

Note: With either method, it must be noted that the settings obtained should be used only as starting points. Continually check the amount of COUNTER 15-G used against a known length of row or acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure equipment wear, changing moisture conditions, etc., have not caused a change in flow rate.