Dosimeter Technical Use Guide

Cost effective Tobacco sucker control programs rely on accurate applications. Drexel Chemical Company is now offering the Dosimeter precision hand applicator designed specifically for use with **Drexel's tobacco sucker control products.**

Technical Features

The Dosage Control System (DCS) uses line pressure retention and rotary dosage control to provide consistently accurate doses of sucker control with each valve lever compression.

Application Guide*

When using backpack and dropline application methods apply 0.5 to 0.75 fluid ounces of spray solution to each plant totaling 30 gallons of total solution per acre. Avoid applying excessive amounts that pool on the ground at the bottom of the plant.

$$\frac{\text{Desired Total GPA X 128}}{\text{Plant Population Per Acre}} = \text{Dose Per Plant (Fl. Oz.)}$$

Dose Per Plant (Fl. Oz.) x 29.57 = Dosimeter setting (mL)

Dosimeter Calibration Guide

Dose Per Compression Fl. Oz.	Dosimeter Setting mL
0.25	8
0.35	11
0.5	15
0.75	22

Technical Specifications

Application Methods	Backpack and Dropline (Machine)
Input Hose Sizing	3/8 inch
Maximum Dose	Up to 0.85 fl. oz. (25 mL)
Maximum Pressure	Up to 87 psi

Visit www.DrexChem.com for your Sales Representative, Labels and SDS.

* Bailey, Andy et al (2018), "Burley and Dark Tobacco Production Guide", 2019-2020 Burley and Dark Tobacco Production Guide, 48-49.

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