



equipments



DOSIMETER VALVE

WHEN PRECISION IS AT STAKE.

Obtaining the exact dose of chemical per plant use is extremely important for farmers. This practice can avoid errors of application such as an under or an overdose; thus resulting in less efficiency and, in some instance, waste of agrochemicals with bad effects.

The Dosimeter Valve was designed to meet high standards in the agrochemical dosing in general. It allows exceptional precision while at work, mostly when accuracy is necessary. Dosage range may vary from a **2,0** to **25ml** per operation.

The valve is equipped with a **Dosage Control System (DCS)**: Due to its retaining pressure system, **dose percentage is highly accurate**, more so, if adjustment is made for a specific volume, through a rotary dosage control.

Featuring an extremely robust construction, and engineered parts; it is corrosion free and agrochemical proof.



Dosimeter valve



8018-00
(with applicator pipe)



8096-00
(without applicator pipe)

Technical Advantages

- Environment Protection as the application goes through to the target.
- Safety no leaking or producing harms to the operator.
- Saves agrochemical products as there is no drifting.
- Allows to operate in bad weather conditions.
- Less effort.
- More safety to the operator.
- The best cost benefit.

Applications

Can be used with most agrochemical liquid products such as: insecticides, fungicides, herbicides, and hormones for agriculture, horticultural uses, it is ideal for seedlings treatment in tobacco, cocoa and coffee plantations, it can be also used by professionals in laboratories, schools and industries, for precise and safe liquid dosing with no need for the operator to have contact with the product.

Note: The Dosimeter needs to be connected to the discharge hose of the symmetrical knapsack sprayer or compression sprayer, which maximum pressure is 600 KPa (87 psi), and with hoses from 8 to 10mm.

Accessories (not included):

Product	Code	Product	Code
• Discharge pipe (0,45m)	4646	• Discharge pipe (1,2m)	8099
• Discharge pipe (0,9m)	8098	• Boom with 360° swivel nozzle	4750

Technical Specification

Minimum Dosage per stroke (ml)	*2,0
Maximum Dosage per stroke (ml)	*25
Minimum working pressure (KPa/psi)	150/22
Maximum working pressure (KPa/psi)	600/87

Body, Cylinder and lid	Poly-acetate
O-rings	fluor-elastomer**
Net weight (kg)	0,25

(*) Approximated dosage values were obtained with clean water, may vary according to the product applied and the application.

(**) Some chemical products can damage the O-rings. If it occurs, contact the product manufacturer to know the appropriate O-ring.

Guarany's Mission - To offer the best quality products, with innovative features that can be of public use, as well as the best services, always respecting the environment, people and markets, besides guaranteeing the satisfaction of our customers and employees.



tradition and technology

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