



Pesticides
Alverde 240 SC®

Suspension Concentrate

Plant Protection and Inspection Services License. No.: 4117/אח/18

Pesticide against moth larva in tomatoes, corn, potatoes, cotton, beans, cabbage and chickpeas

Package: 1 liter

Contains: 240g Metaflumizone per liter

Group: B22

General: Alverde is the member of the B22 chemical group (according to IRAC). The product destroys moth larvae, targeting the nervous system by blocking nerve cell sodium channels, as opposed to pyrethroids that impair sodium channel operation by opening the channels. The product penetrates the insect's body through ingestion. The product is toxic immediately after ingestion and does not require metabolism in the insect. Therefore, the fear of developing resistance (which occurs due to metabolism within the insect) declines. The insect is impaired immediately after ingesting the product, where the main impact is discontinued eating, followed by immobility and finally death. Discontinued eating occurs within 6-12 hours and death occurs within 2-4 days. To prevent development of resistance, the product must be applied by alternate sprayings. No preparation was found with cross resistance to Alverde. Alverde is suitable in a combined pest control system.

Instructions for Use

Crop	Pest	Dosage (cc/dunam)	Volume (l/dunam)	PHI
Food and industrial tomatoes in greenhouses and open field	Heliothis, <i>Autographa gamma</i> , Spodoptera, Tuta Absoluta	100	20-50	3
Potato	Heliothis, Egyptian Cotton Leafworm, <i>Autographa gamma</i>	100	20-30	3
Cotton	Heliothis	100	20-30	30
Beans	Heliothis, <i>Autographa gamma</i>	100	-	8
Chickpeas	Heliothis, <i>Autographa gamma</i>	100	-	28
Corn	Heliothis, Spodoptera Frugiperda	100	20-30	3
Cabbage	Diamondback Moth, Egyptian Cotton Leafworm, Cabbage White	100	20-30	7