

Lepidopterous Larvae Control in Desert Melon Crops, 2024

Relative Efficacy Index For Lep Larvae in Desert

Product	IRAC ¹ MOA	Beet armyworm	Cabbage looper	Comments*
Lannate	1A	•••	•	Tank mix with another product for broad spectrum Lep activity; PHI: 1-3 d depending on rate used.
Pyrethroids	3	•	•••	Tank mix with another product for broad spectrum Lep activity; use high labeled rates; PHI: varies with products
Radiant, Entrust	5	•••	•••	Stand alone Lep, leafminer, and thrips control; PHI: 3 days
Proclaim	6	•••	••	Stand alone Lep control; PHI: 7 days; use at rates above 3.6 oz; if cabbage looper present tank-mix with a pyrethroid.
Bt (e.g. Dipel, Xentari)	11B	•	••	Tank mix with another product for broad spectrum Lep activity, numerous Bt products available; PHI: 0 d -good spray coverage desirable
Intrepid	18A	•••	•••	Tank mix with another product for broad spectrum Lep activity; PHI: 3 day -good spray coverage desirable.
Avaunt	22	•••	•••	Tank mix with another product for broad spectrum Lep activity; PHI: 3 days
Cormoran	15+4A	••	••	Tank mix with another product for broad spectrum Lep activity; PHI: 7 days -will provide whitefly suppression.
Coragen	28	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly nymphs
Besiege	28+3	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly nymphs
Durivo	28+4A	•••	•••	Stand alone Lep and leafminer control; Will provide suppression of whiteflies during stand establishment, PHI: 30 day as a soil application.
Exirel	28	•••	•••	Stand alone Lep control; Will also control whiteflies and leafminers; PHI: 1 day
Harvanta	28	•••	•••	Stand alone Lep control; Will also control leafminers; PHI: 1 day
Minecto Pro	28+6	•••	•••	Stand alone Lep control; Will also control whiteflies, leafminers and mites, PHI: 7 days
•••	Good residual control (7-14 d)			¹ IRAC Mode of Action - http://www.irac-online.org/ * always consult the label before applying any of these products
••	Marginal residual control (4-6 d)			
•	Poor residual control (1-3 d)			