

Lepidopterous Larvae Control in Desert Melon Crops, 2015

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
Bt (e.g. Dipel)	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
Belt	28	•••	•••	Stand alone Lep control; PHI: 1 day
Coragen	28	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly nymphs
Exirel	28	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly nymphs; will also provide residual control of whiteflies
Voliam Xpress	28+3	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly nymphs
Voliam Flexi	28+4A	•••	•••	Stand alone Lep and leafminer control; PHI: 1 day; may provide suppression of whitefly adults and 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.
Vetiva	28+16	•••	•••	Stand alone Lep and Whitefly control; PHI: 1 day (see supplemental label)
•••	Good residual control (7-14 d)			
••	Marginal residual control (4-6 d)			
•	Poor residual control (1-3 d)			

¹ IRAC Mode of Action - <http://www.irc-online.org/>

* **always consult the label before applying any of these products**