

Aphid Management in Desert Produce Crops - 2017



Relative Efficacy Index For Aphids in Desert

Product	IRAC MOA	Green peach	Potato aphid	A. lactuca ¹	Foxglove aphid	Lettuce aphid ²	Cabbage aphid	Comments*
Lannate	1A	Red	Yellow	Green	Red	Red	Red	Tank mix with another product ; provides thrips control; PHI: 10 d on lettuce;
Dimethoate	1B	Yellow	Green	Green	Yellow	Red	Yellow	Tank mix with another product ; has some thrips activity; PHI: 7 d on broccoli, cauliflower; 14 d on leaf lettuce
MSR	1B	Yellow	Green	Green	Green	Green	Green	PHI: 14-21 d on head lettuce, 7 d on broccoli, cauliflower and cabbage; Use high label rate
Orthene	1B	Yellow	Green	Green	Green	Yellow	Green	Tank mix with another product ; provides thrips control; PHI: 21 d for head lettuce and celery ; 7 d on cauliflower
Malathion	1B	Red	Green	Green	Green	Red	Yellow	Tank mix with another product, use highest labeled rates; PHI: 7 d on head lettuce; 14 d on leaf lettuce;
Bifenthrin	3	Red	Green	Green	Green	Red	Red	Numerous generics available; tank mix with another product at >4 oz for best control; PHI:
Imidacloprid	4A	Green	Green	Green	Yellow	Red	Green	Generics available; Soil: use 0.25 lb AI/ac or higher for residual aphid control; PHI: 21 d on all crops
Platinum	4A	Green	Green	Green	Yellow	Red	Green	Soil: use highest rate for residual aphid control; PHI: 30d on all crops; effective as post-plant side dress
Assail	4A	Green	Green	Green	Yellow	Red	Green	Use at high rates (4 oz for Assail 30G); PHI: 7 d on leafy vegetables and Cole crops
Sequoia	4C	Green	Green	Green	Green	Light Green	Green	Can only be used if grower has product. Use at higher rates (2.0 oz) when lettuce aphid present; PHI: 3 d on leafy vegetables
Sivanto	4D	Light Green	Green	Green	Green	Yellow	Green	Use at high rates (10-14 oz); PHI: 1 d on leafy vegetables and Cole crops; may take a few days to see reduction in aphid numbers.
Voliam Flexi	4A+28	Green	Green	Green	Yellow	Red	Green	Use at higher rates; PHI: 3 d on broccoli, cauliflower and cabbage, 7 d for leafy vegetables.
Fulfill	9B	Yellow	Green	Green	Yellow	Red	Yellow	Tank mix with another product for green peach aphid, foxglove aphids; Initiate sprays at first signs of aphids, PHI: 7 d
Beleaf	9C	Green	Green	Green	Green	Red	Green	Use at higher rates; PHI: 0 d on leafy vegetables and cole crops
Movento	23	Green	Green	Green	Green	Green	Green	Use a penetrating adjuvant at 0.25%v/v or higher; PHI: 1 d for Cole crops, 3 d for leafy vegetables

	Good residual control (7-14 d)
	Marginal residual control (4-6 d)
	Poor residual control (1-3 d)

¹ *Acyrtosiphon lactucae* ; no common name

² *Nasonovia ribisnigri*; aka "red aphid"

* Always consult the label before applying any of these products on leafy vegetables or cole crops.