

Aphid Management in Desert Produce Crops - 2023



Relative Efficacy Index For Aphids in Desert

| Product | IRAC MOA | Green peach | Potato aphid | A. <i>lactuca</i> 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 |
| 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 |
| 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 | Admire Pro and generics; Soil: use top of label rate for higher best residual aphid control; PHI: 21 d on all crops |
| Platinum/ Durivo/Actara | 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 . Foliar: use high label rate, PHI: 7 d |
| 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 | ** | Green | Use at higher rates (3.0 oz) when lettuce aphid present; PHI: 3 d on leafy vegetables |
| Sivanto | 4D | Green | Green | Green | Green | ** | Green | Use at high rates (>10 oz) when lettuce aphid present; PHI: 1 d on leafy vegetables and Cole crops; |
| Versys | 9D | Green | Green | Green | ** | ** | Green | Use at higher rates (>1.5 oz) when foxglove and lettuce aphid present; PHI: 0 d on leafy vegetables |
| PQZ | 9B | Green | Green | Green | ** | ** | Green | Use at higher rates (3.2 oz) when foxglove and lettuce aphid present; PHI: 1 d on leafy vegetables |
| Fulfill | 9B | Yellow | Green | Green | Yellow | Yellow | Yellow | Tank mix with another product for green peach aphid, foxglove aphids; Initiate sprays at first signs of aphids, PHI: 7 d |
| Beleaf | 29 | Green | Green | Green | Green | Yellow | Green | Use at high rates (2.8 oz); 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
 Marginal control; suppression
 Poor control

¹ *Acyrtosiphon lactuca*; 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.**

**** Has activity, but best control achieved on smaller, open plants when aphids are exposed to direct sprays.**