

Whitefly Management in Desert Melons



Relative Efficacy Index For Whiteflies

| Product | IRAC ¹ MOA | Adult | Nymphs | Comments* |
|------------------|--------------------------|-------|--------|---|
| Vydate | 1A | •• | • | Tank mix with a pyrethroid, Venom or Assail for adult knockdown; PHI: 1 d |
| Lannate | 1A | •• | • | Tank mix with a pyrethroid, Venom or Assail for adult knockdown; PHI: 7 d |
| Bifenthrin | 3 | •• | • | Numerous generics available; tank mix with another product (Endosulfan, Vydate, Venom or Assail) for best control; will also control loopers; PHI: 3 d |
| Danitol | 3 | •• | • | Tank mix with (Endosulfan, Vydate, Venom or Assail) for best control at higher labeled rates; will also control loopers; PHI: 7 d |
| Imidacloprid | 4A | • | ••• | Generics available; Soil: use highest rate for residual nymph control; does not provide consistent performance as post-plant, side dress or chemigation through drip; PHI: 21 d |
| Platinum | 4A | • | ••• | Soil: use highest rate for residual whitefly control; effective as post-plant, side dress or chemigation through drip; PHI: 30 d |
| Assail | 4A | •• | ••• | Tank mix with a pyrethroid or endosulfan for improved adult knockdown; PHI: 0 d |
| Venom / Scorpion | 4A | •• | ••• | Foliar: tank mix with pyrethroid for adult knockdown; PHI: 1 d. Soil: effective as at-planting or post-plant side dress/chemigation treatment PHI: 21 d |
| Voliam Flexi | 4A+28 | •• | ••• | Foliar: Contains chlorantraniliprole; will also control loopers and beet armyworms; Use at higher rates; PHI: 1 d |
| Durivo | 4A+28 | •• | ••• | Soil: Contains chlorantraniliprole; will suppress worms; Use at higher rates; effective as at-planting or post-plant side dress/chemigation treatment; PHI: 30 d |
| Knack | 7 | • | ••• | Apply at higher rates for residual control; slow acting PHI: 7 d |
| Fulfill | 9B | • | •• | Tank mix with Thionex for best control; PHI: 0 d |
| Courier | 16 | • | ••• | Apply at higher rates for residual control; slow acting PHI: 7 d |
| Vetica | 16+28 | • | ••• | Contains flubendiamide (Courier) ; apply at high rates for nymph control; will also control loopers and armyworms; slow acting; PHI: 7 d |
| Oberon | 23 | • | ••• | Apply at higher rates for residual control; slow acting PHI: 7 d |

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|-----|---------------------------|
| ••• | Good residual control |
| •• | Marginal residual control |
| • | Poor residual control |

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

