

# Cinnaction

A 25 (b) exempt and OMRI-listed acaricide and fungicide utilizing two cinnamon oils for broader, more effective control. It has excellent efficacy against powdery mildew and mites.



## Benefits of CINNACTION

- Effective addition to a resistance management spray program
- Quick knock down and residual control
- Formulated with two essential oils, *C. zeylanicum* and *C. verum*, for maximum acaricidal and fungicidal efficacy
- Synergy of two terpenes for broader control: Cinnamaldehyde for fungal control and Eugenol to penetrate insect/mite body to disrupt nervous system
- Fungicidal Mode of Action: Disrupts the cell membrane of powdery mildew
- Acaricidal Mode of Action: Neurotoxic action by blocking the octopamine receptors causing respiratory collapse
- Includes secondary natural essential oils for improved terpene equilibrium and extended pesticide action
- 0-hour REI, 0-Day PHI, MRL exempt, no visible residue

## Using CINNACTION

CINNACTION provides excellent organic control of powdery mildew and mites but can also be a key component of a conventional spray program to aid in resistance management. It can be used as a stand-alone application or tank-mixed with other inputs with no known incompatibility.

It can be used in all crops, fruits, vegetables, ornamentals, and garden plants. It can be applied in both indoor (greenhouse included) and outdoor settings.

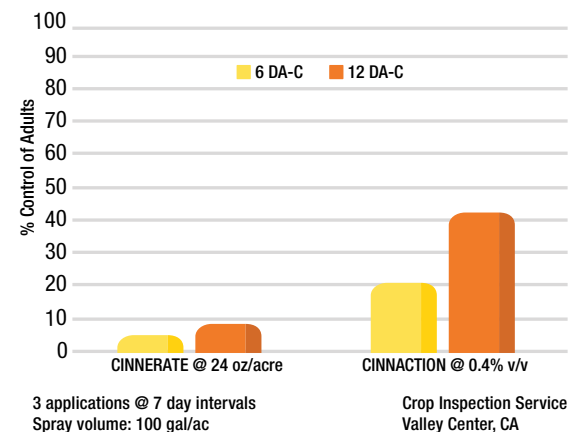
Repeat applications at every 5-7 days as necessary if pest pressure continues.

Its 0-Hour REI, 0-Day PHI and MRL exemption means it is an excellent treatment to clean up mite and fungus infestations just prior to harvest

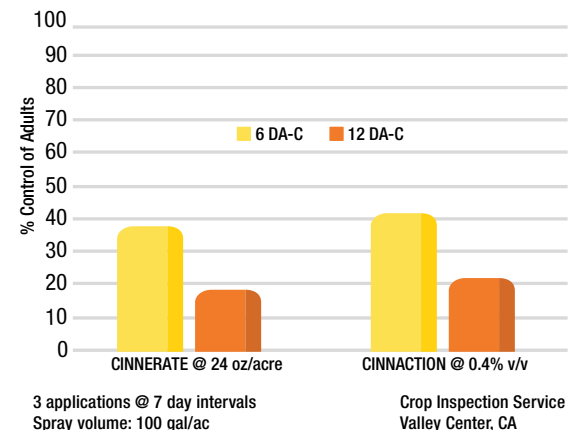
## Use Rate

Foliar applications: 32 to 64 oz/100 g of spray solution

## Control of Two-spotted Spider Mite Nymphs on Lima Beans

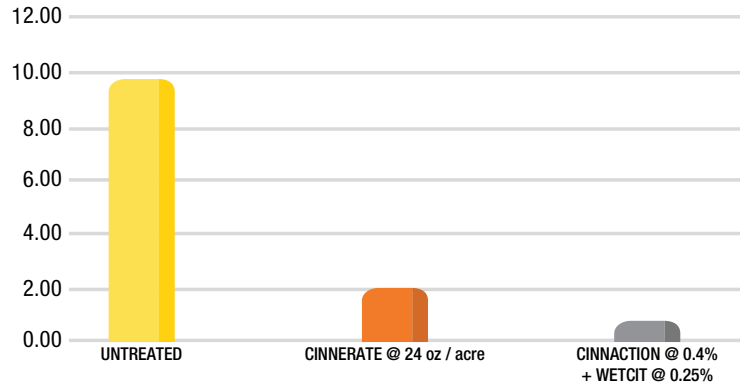


## Control of Two-spotted Spider Mite Adults on Lima Beans



## Control of Powdery Mildew on Greenhouse Cucumbers

Infection severity 7 days after 5 applications

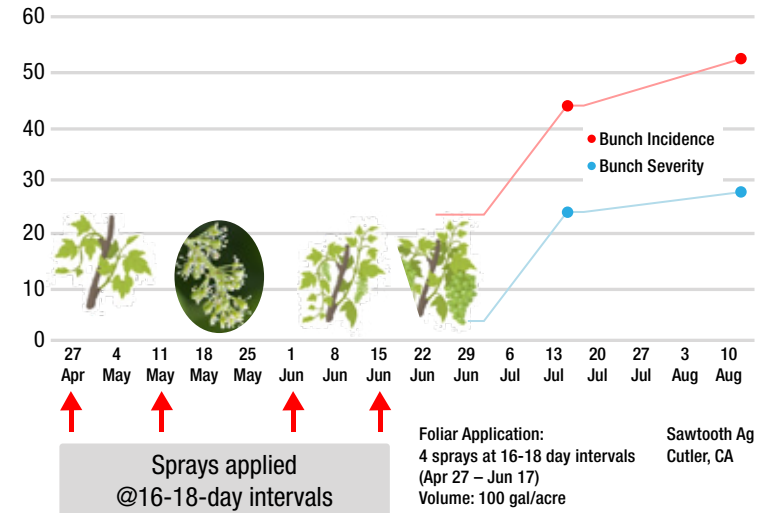


Foliar Application:  
5 sprays at 7 day intervals (May 20 – June 17)  
Volume: 150 gal/ac

Crop Inspection Service  
Valley Center, CA

## CINNACTION Control of Powdery Mildew on Grapes

% Infection on UNTREATED fruit

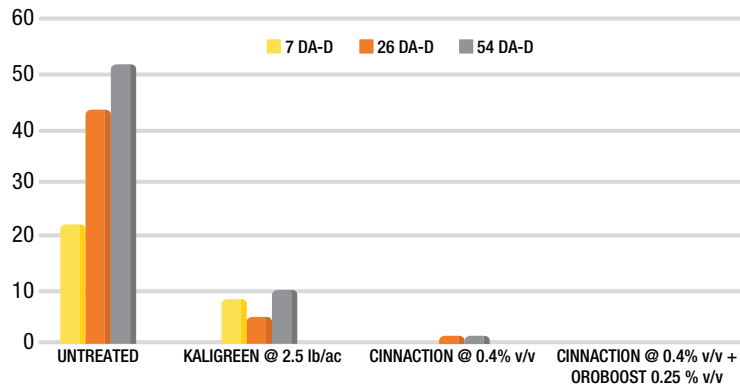


Foliar Application:  
4 sprays at 16-18 day intervals (Apr 27 – Jun 17)  
Volume: 100 gal/acre

Sawtooth Ag  
Cutler, CA

## Control of Powdery Mildew on Grapes

Incidence: % bunches infected after 4 applications

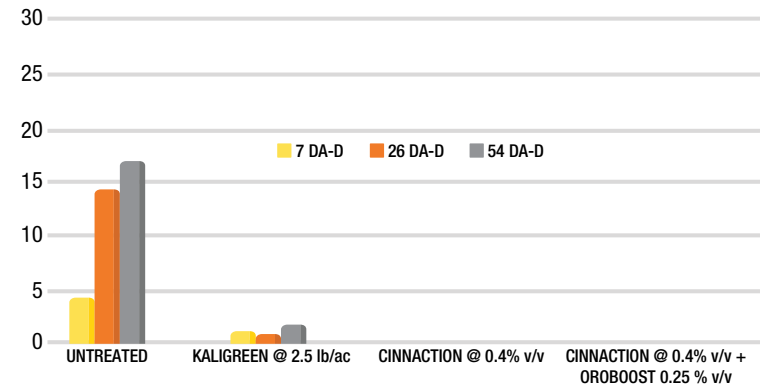


Foliar Application:  
4 sprays at 16-18 day intervals (Apr 27 – Jun 17)  
Volume: 100 gal/ac

Sawtooth Ag  
Cutler, CA

## Control of Powdery Mildew on Grapes

Severity: % bunch surface infected after 4 applications



Foliar Application:  
4 sprays at 16-18 day intervals (Apr 27 – Jun 17)  
Volume: 100 gal/ac

Sawtooth Ag  
Cutler, CA

For more information contact your local Oro Agri representative or visit [www.idainature.com](http://www.idainature.com)

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