

# Powdery Mildew Control on Wine Grapes

## 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

- Contact mode of action with quick knock down
- Formulated with two essential oils, *C. zeylanicum* and *C. verum*, for maximum acaricidal and fungicidal efficacy
- Includes secondary natural essential oils for improved terpene equilibrium and extended pesticide action
- O-hour REI, O-Day PHI, MRL exempt, no visible residue

### Use Rate

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

## MILAGRUM PLUS<sup>®</sup>

An OMRI-listed *Bacillus subtilis* formulation that prevents downy mildew and other foliar diseases. Milagrums Plus<sup>®</sup> has a perfect combination of new generation strain of *Bacillus subtilis* formula, developed with Bioevology<sup>®</sup>, an exclusive formulation technology that maximizes the fungicidal effect through an optimized microbial fermentation process.



### Benefits of MILAGRUM PLUS

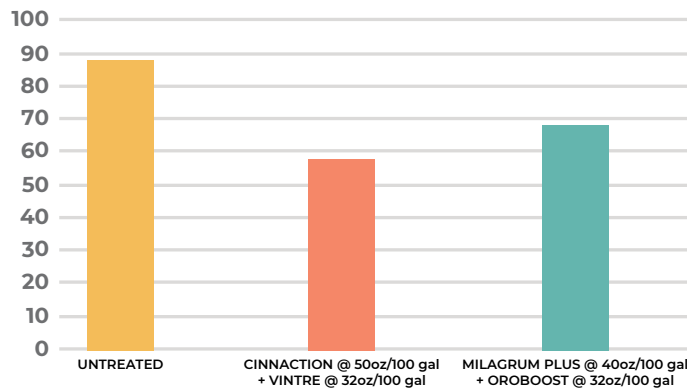
- Three modes of action: Direct fungicidal activity, activates plant ISR, out competes fungi for space and resources
- Can be applied as a foliar or soil application by all common application techniques. It can also be used as seed/tuber dip treatment
- *Bacillus subtilis* strain IAB/BSO3 is classified as a Plant Growth-Promoting Rhizobacteria (PGPR). PGPR's are free-living bacteria that have beneficial effects on plants as they increase root development and plant productivity
- 4-hour REI, O-Day PHI, MRL exempt, no visible residue

### Use Rate

- Foliar and soil applications: 40 - 60 oz/100 g of spray solution
- Seed and tuber dip: 20 - 60 oz/100 g of solution



## INCIDENCE (% of Clusters Infected) After 7 Sprays at 14 Day Intervals



Extremely high disease pressure

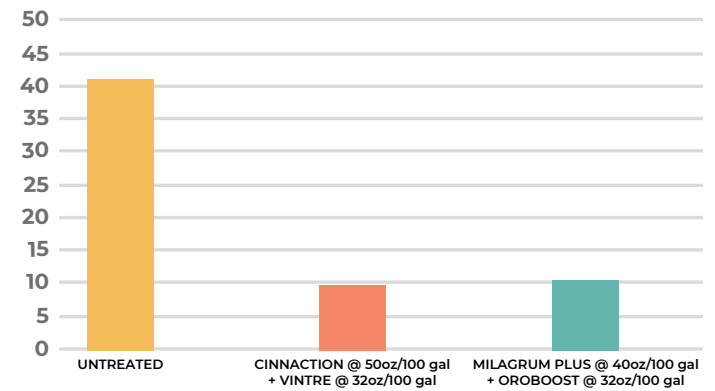
No difference for all soft chemistry products except for sulfur products

No phyto on leaves or clusters

Foliar Application:  
Volume:  
100 g/ac (late April)  
or 150 g/ac (late May)

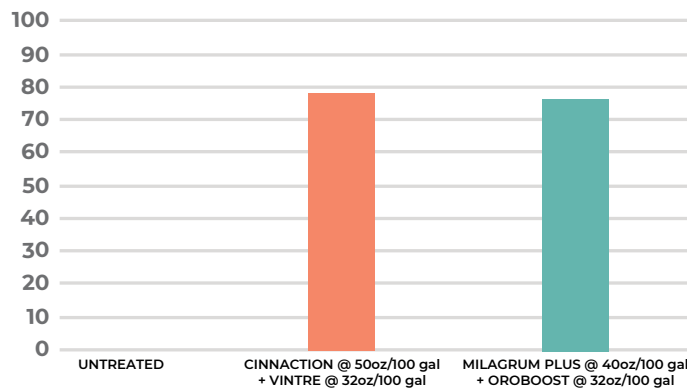
Variety: Chenin Blanc  
Vine age: 11 years

## SEVERITY (% of Cluster Surface Infected) After 7 Sprays at 14 Day Intervals



University of California-Davis  
Davis, CA

## % Improvement in Severity on Clusters After 7 Sprays at 14 Day Intervals



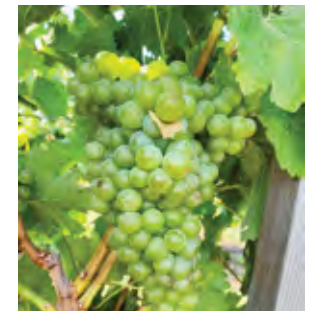
## Pictures at 16 Days after 7 sprays



Untreated



CINNACTION 50oz + VINTRE 32oz



MILAGRUM PLUS 40oz + OROBOOST 32oz

For more information contact your local Rovensa Next representative or visit [rovensanext-na.com](http://rovensanext-na.com)

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