



CINNERATE

FUNGICIDE MITICIDE INSECTICIDE

Fast Effective Control/Preventative and Curative Activity

Cinnerate is an effective solution for controlling mites in hemp. It goes to work immediately to stop disease and immobilize and kill mites and other insects.

The active ingredient is based on cinnamon oil, emulsified with potassium oleate. The innovative formulation provides high levels of control with low application rates, excellent crop safety and little to no effect on beneficial predator populations.

Key Benefits

- Fast-acting knockdown
- Controls all life stages
- Safe on beneficial predators
- Zero PHI, zero REI
- Tank mix flexibility
- Excellent crop safety
- Organic approved
- Registered for hemp
- Current on Agrian platform to write recs

Pre-Harvest

Recommendations:

Cinnerate has zero PHI!

Mode of Action – Mites

Fast Acting: Causes immediate insect death by asphyxiation, through sealing the spiracles, disrupting the nervous system and interfering with the glucose uptake and utilization. This results in effective control of all mite life stages including eggs.

Recommendations

Application Objective: Knock down of pest mites on adults, eggs and juvenile life stages without interrupting harvest schedules

Use Rate: 25-32 oz/100

Ground Application Volume: 15-100 GPA

Aerial Applications Volume: Not less than 10 GPA for plants less than 20 in tall. Not less than 15 GPA for plants greater than 20 in tall

Application Interval: 7-14 days as needed for population control

Mode of Action – Disease

Curative/Eradicant: Affects the mitochondrial oxidative process, disrupting enzymatic activity of the pathogen cell membrane, causing rapid dehydration and disappearance of symptoms.

Preventative: Inhibits mycelial growth and prevents germination of fruiting bodies, disrupting the disease life cycle and preventing its spread. Fuming volatiles inhibit disease development.

Recommendations

Application Objective: Knock down and containment of powdery mildew and botrytis without interrupting harvest schedules

Use Rate: 25-32 oz/100

Ground Application Volume: 10-100 GPA

Aerial Applications Volume: Not less than 10 GPA for plants less than 20 in tall. Not less than 15 GPA for plants greater than 20 in tall

Application Interval: 7-14 days as needed for population control

Useful Information

Spray Timing: The best timing for application is during calm conditions during the early or late part of the day, when pests are most active. Avoid applications when temperature exceeds 85 degrees.

Tank Mixes: Can be safely tank mixed with most pesticides.

Cinnamon Odor: A cinnamon odor will follow an application, however it will not permeate the crop tissue and **does not affect the quality, odor, or flavor.**

Zero Residue: Cinnerate is based on food-grade oils, so there are no crop residue concerns or re-entry restrictions on the product.

SymAgro
www.sym-agro.com

0-Hour REI
0-Day PHI
No Visible Residue



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