



POME FRUIT

Pre-Harvest Application for the Control of Post-Harvest Disease

RECOMMENDATION FOR USE ON PEARS & APPLES

Target Disease: *Alternaria Blotch (Alternaria mali)*, *Anthracnose (Colletotrichum spp.)*, *Apple Scab (Venturia inaequalis)*, *Blue mold (Penicillium spp.)*, *Bull's Eye Rot (Neofabraea spp.)*, *Grey mold (Botrytis cinerea)*, *Mucor Fruit Rot (Mucor spp.)*, *Phomopsis Soft Rot (Phomopsis spp.)*, *Rhizopus Fruit Rot (Rhizopus spp.)*

Product Overview: Cinnerate is a biochemical fungicide containing cinnamon oil as the active ingredient. Cinnamon oil provides a multi-site mode of action and is well known for its effectiveness towards a wide range of diseases. Cinnerate affects all life stages of disease: conidia, spores, hyphae, and mycelia providing complete sanitation of latent disease. Cinnerate provides direct activity towards disease either through contact or fuming volatiles.

Pre-Harvest: Timing and Use Rate

Use Rate: 32-40 ounces / 100 Gallons	Application Timing: 3-10 days before harvest
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Coverage: Ensure thorough coverage of fruit

Tank Mixing: Cinnerate can be tank mixed with most pesticides

Hard water (>200 ppm): Add a water softener before adding this product to the spray tank

Precautions:

- Do not apply when the temperature is above 85°F.
- Do Not Mix with: Captan, Bordeaux mixtures, oxidizing agents such as bleach or highly alkaline or acid products.

Key Benefits

- **Broad Spectrum disease sanitation to reduce post-harvest disease**
- **Sanitize and eliminate latent disease in field to reduce post-harvest rot**
- **Active on all disease life stages**
- **Provide protection or bridge disease control from treatment to arrival at packaging shed**
- **Reduce / eliminate infection from harvest process nicks, wounds, abrasions**
- **Reduce latent disease load from entering storage unit**
- **Increase fruit resistance to disease once in storage**
- **Multi -site unique mode of action for resistance management**
- **Zero residue products // No MRL concerns**
- **0-hour REI // 0-Day PHI**

