

Carb-O-Nator

BIOLOGICAL INSECTICIDE



Carb-O-Nator® is a broad spectrum, contact foliar fungicide, for control of a variety of diseases on agricultural crops, terrestrial and ornamental plants, greenhouse and nursery crops and turf.

Diseases Controlled:

Alternaria Blight
Anthracnose
Botrytis Blight
Downy Mildew
Powdery Mildew
Septoria Leaf Spot

Refer to product label for full list of controlled diseases.

- Effective, broad spectrum foliar disease control
- No adverse impact on human health or the environment
- NOP* compliant/ ORMI listed
- Multi-site contact activity
- Low probability of resistance development
- Effective and viable resistance management tool
- Advanced bicarbonate technology

Carb-O-Nator® is an 85% potassium bicarbonate fungicide engineered to deliver broad spectrum activity against a variety of fungal pathogens. This foliar fungicide achieves effective disease control with unique multi-site, contact activity.

Mode of Action.

Multi-site mode of action acting through a combination of osmotic pressure, pH, and specific ion effects. Acts very rapidly to cause dehydration and total collapse of spores and mycelium of susceptible fungi. Carb-O-Nator disrupts pathogen cell-wall balance with potassium.



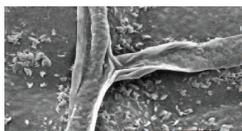
Untreated spores of powdery mildew taken under light microscopy



Powdery mildew spores and mycelium 1 minute



Untreated mycelium of powdery mildew taken by electron microscopy



Mycelium of powdery mildew after treatment

Stable formulation.

Carb-O-Nator's soluble powder dissolves readily, is a simple and effective formulation and is "environmentally sensible."

REI/PHI.

Carb-O-Nator has no pre-harvest interval, four hour re-entry interval following application. It is NOP approved and OMRI listed

Export Friendly.

Carb-O-Nator is exempt from residue restrictions.

Perfect fit for Integrated Pest Management (IPM)

Carb-O-Nator can be used as both a fungicide and a pest control because of its control over such pests as Botrytis, Podosphaera, Sphaerotheca, and many others, as well as being an effective fungicide.

Beneficial and plant friendly.

Potassium bicarbonate is a simple compound found in nature, using it as an effective fungicide is not considered disruptive to human health or the environment. Carb-O-Nator is registered for use on many agricultural crops and ornamental plants, and is safe to beneficial insects and pollinators (bees).

Perfect fit for resistance management programs.

Because of the multi-site and quick activity, Carb-O-Nator has not been subject to, nor is it likely to see the development of fungal resistance to its effects.

For best results.

It is currently recommended for weekly application during periods of high disease pressure or when conditions for disease development is at its greatest. After three applications, the concentration or frequency of application can be reduced to maintain disease control.

Recommended Rate.

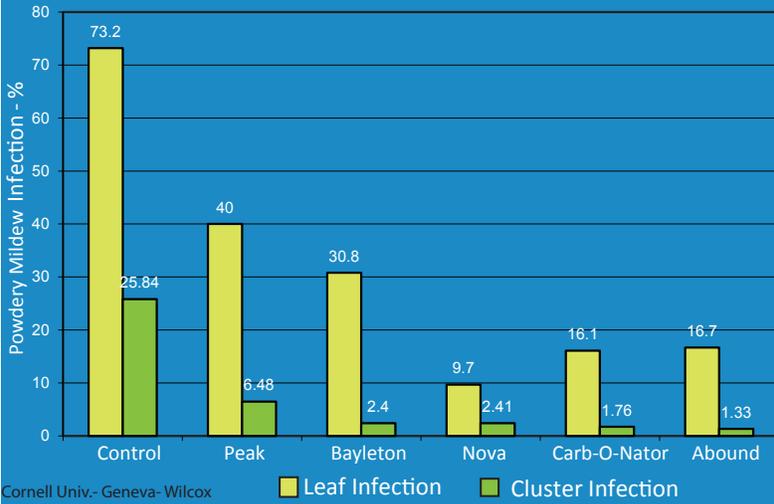
2.5-5.0 lbs. per 100 gallons of water.

Always read and carefully follow label directions.

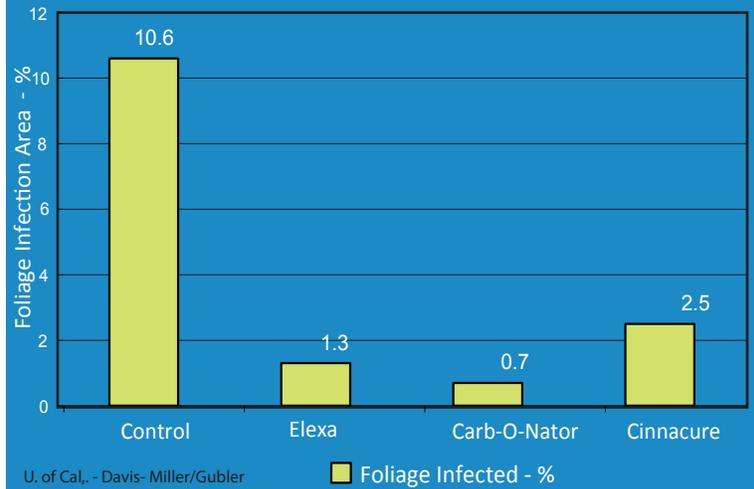
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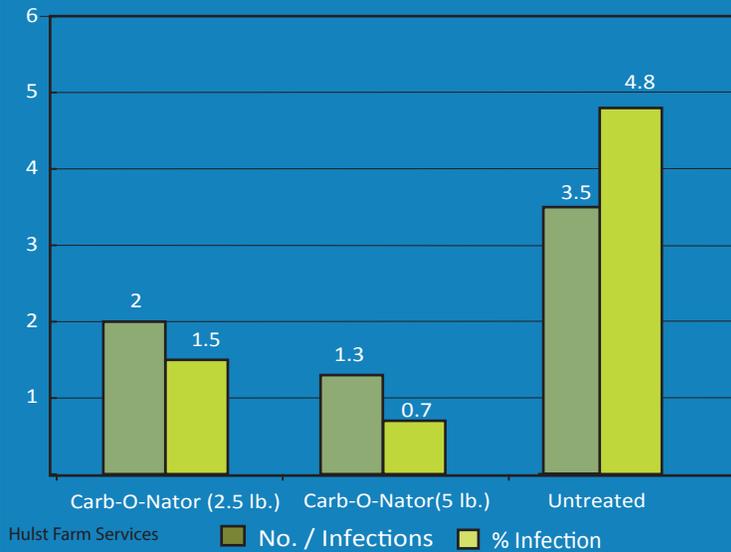
Powdery Mildew Trials - Grapes



Powdery Mildew Trials - Strawberries



Powdery Mildew Trials - Tomato



Phomopsis Trials Blueberries

