AEF GLOBAL Biopesticides

FungOUT

Biofungicide for powdery mildew on Chardonnay



- Minimum Risk Pesticide
- OMRI Listed® for organic use
- Friendly to beneficials and pollinators

ACTIVE INGREDIENT

Citric acid

Formulation: liquid concentrate
Chemical group: N/A — biopesticide
Packaging: case (2 × 2.5 gal) or tote (275 gal)

MODE OF ACTION

Dual action: a protective barrier plus antifungal and bactericidal activity.

Forms a protective barrier on the plant surface, inhibiting conidia germination, germ tube formation and elongation, appressorium and haustorium formation and hyphae branching. Also exhibits bactericidal activity.



Application Guidelines

01 Use Pattern

RATE
2% v/v
Foliar spray

TIMING
Preventive
When conditions are conducive to disease development

INTERVAL
7–10 days
Shorter under high disease pressure

PHI / REI
0 day / 4 h
Pre-harvest / re-entry

Targets: powdery mildew *(Erysiphe necator)*
Spray volume: use the minimum spray volume to obtain full coverage

- Use a very fine spray; cover both leaf surfaces.
- Compatible with oil and sulfur; combine with sulfur to extend the period of protection.
- Maximum 4 applications per season.
- Always read and follow label instructions.

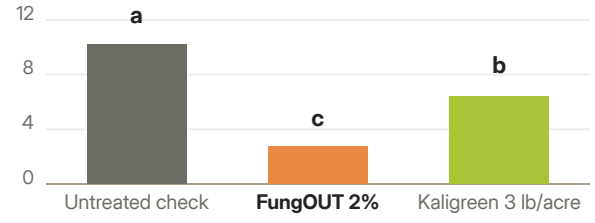
02 Field Evidence

Chardonnay trial (2021): powdery mildew severity and incidence

Trial conducted by APEX AG, Arroyo Grande, CA

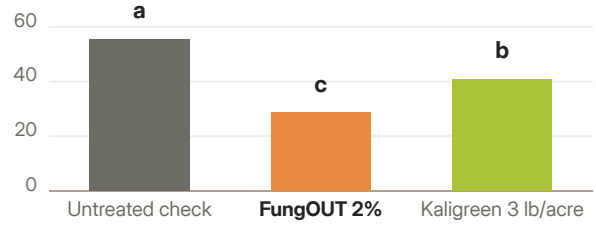
Severity

Powdery mildew on leaves (%) · Sep 17, 2021 (17DAT4)



Incidence

Powdery mildew on leaves (%) · Sep 17, 2021 (17DAT4)



- Randomized complete block design with 5 replications; 30 leaves evaluated per experimental unit
- Spray volume 40 gpa; applied Aug 12, 18, 25 and 31, 2021. Comparative treatment: Kaligreen at 3 lb/acre
- Last rating 17 days after treatment 4 (17DAT4), Sep 17, 2021
- FungOUT showed very strong performance on both mildew severity and incidence.

LS means followed by different letters are significantly different according to Tukey-Kramer grouping (F test, p < 0.0001).
FungOUT has not been registered by the United States Environmental Protection Agency. AEF Global Inc. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act. Please refer to product label for complete application details. Always read and follow label directions. Log on to www.aefglobal.com for full label information.

Let's talk about your spray program. aefglobal.com | info@aefglobal.com

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