AEF GLOBAL Biopesticides

FungOUT

Biofungicide against scab and shot hole in almonds



Minimum Risk Pesticide

OMRI Listed® for organic use

Friendly to beneficials and pollinators

ACTIVE INGREDIENT

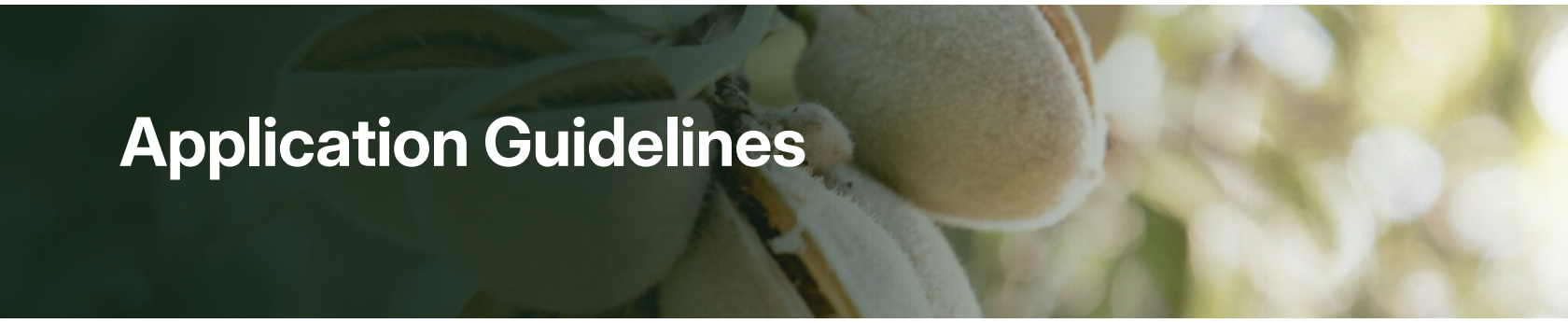
Citric acid

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
1.2% v/v
Foliar spray

TIMING
Preventive
Petal fall and
2 weeks later

INTERVAL
7–14 days
If weather favors
disease development

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

Targets: scab *(Fusicladium carpophilum)*, shot hole *(Wilsonomyces carpophilus)*
Spray volume: use sufficient spray volume to obtain excellent coverage

- Apply at petal fall and 2 weeks later to protect developing foliage and fruits.
- Repeat applications at 7–14 day intervals if weather is conducive to disease development.
- Best results are obtained with excellent plant coverage and spray quality.
- Always read and follow label instructions.

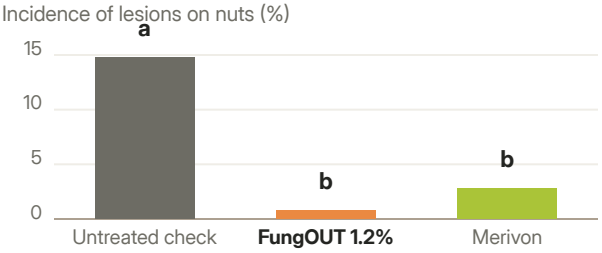
02 Field Evidence

Season-long program against scab and shot hole

Research conducted by Sawtooth Ag Research in a commercial almond orchard (cv. Winters) in 2025

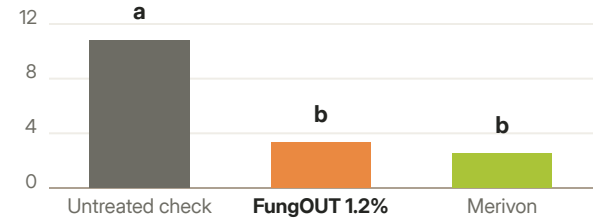
Scab

Incidence of lesions on nuts (%)



Shot hole

Incidence of lesions on nuts (%)



- Randomized complete block design, 4 repetitions (single-tree plots)
- Applications: pink bud, full bloom, petal fall (PF), 2, 6 and 9 weeks post-PF
- Spray volume: 100 gal/acre (FungOUT at 10 pt/acre)
- Incidence of lesions assessed on 100 nuts per tree at harvest

Means followed by the same letter are not significantly different (Scab: Dunn's test; shot hole: Tukey; α = 0.05).

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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