

FUNGOUT

Fungicide & Bactericide

TECHNICAL SHEET

Grapes

Fungicide for Powdery Mildew



FEATURES AND BENEFITS

- ✓ **Minimal REI**, re-entry when spray is dry
- ✓ **Minimum risk** of resistance
- ✓ **Perfect integration** in your IPM program
- ✓ **Approved** for organic agriculture
- ✓ **Safe for use with beneficials and pollinators** when used according to label instructions

USE PATTERN

CROP	DISEASE	RATE	FOLIAR SPRAY VOLUME	APPLICATION TIMING
Grapes	Powdery mildew (<i>Erysiphe necator</i>)	1.25 gpa (maximum 2.4% v/v)	Use the minimum spray volume to obtain full coverage	Apply when conditions are conducive to disease development

MODE OF ACTION

FungOUT forms a protective barrier on the surface of the leaves that inhibit pathogen development. It also has antifungal effects on conidia germination, germ tube formation and elongation, appressorium formation, hyphae branching and haustorium formation. In addition, it has a direct bactericide activity and also reduces bacterial growth.

TECHNICAL SPECIFICATIONS

- **Active ingredients:** Citric acid
- **Packaging:** One (1) case = 2 x 2.5 gal
- **Formulation Type:** liquid concentrate
- **Chemical Group:** N/A biopesticide
- **PHI:** 0 day

Updated : 29/01/2018

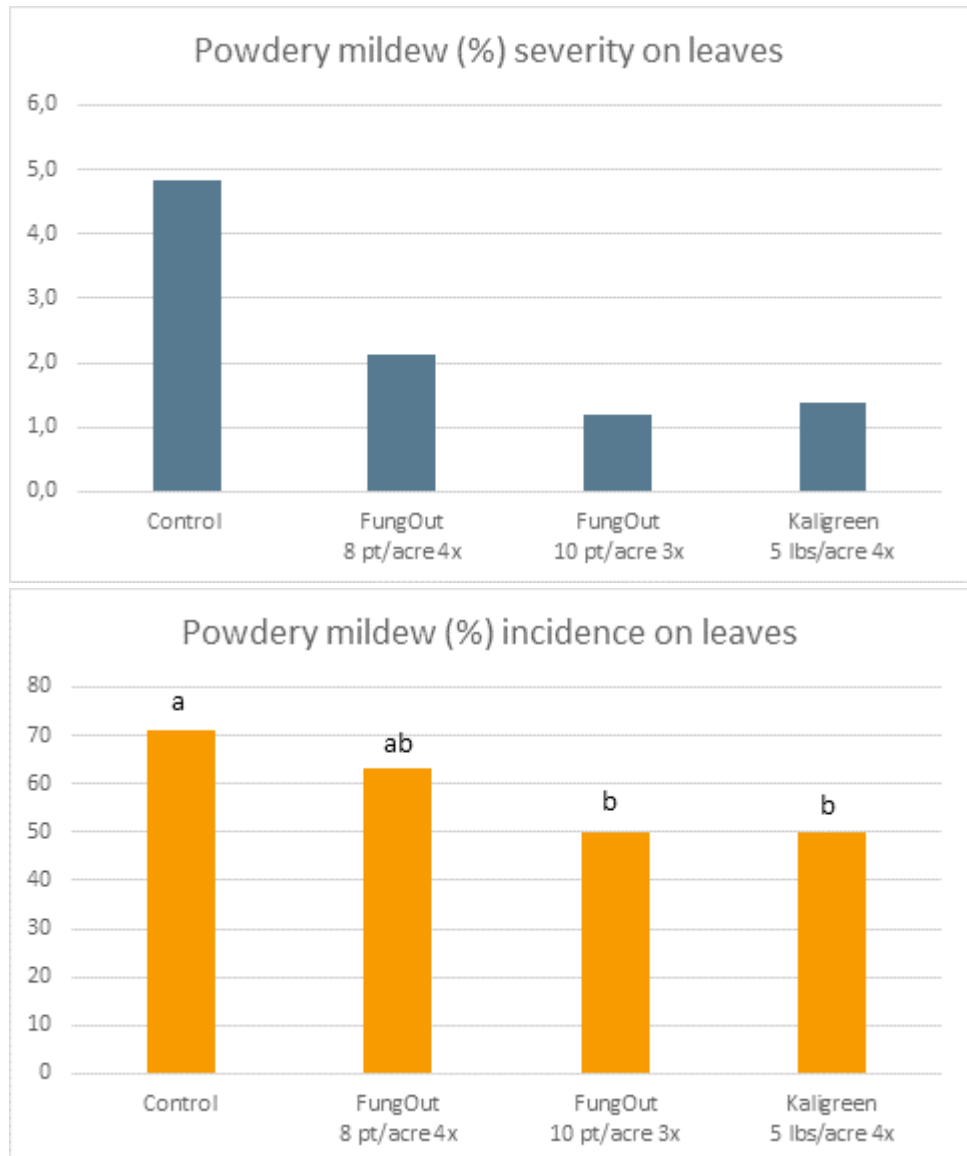
RECOMMENDATIONS FOR OPTIMAL RESULT

- The spray quality should be very fine. Both sides of leaves should be covered with the product. Use the minimum spray volume to obtain full coverage
- When conditions are susceptible to disease development, use FungOUT in a rotational program with other fungicides
- Addition of a surfactant (spreader) may improve the performance of the product, validate the compatibility first on a small area to confirm tolerance.
- Always read and follow label instructions.

RESULTS

- Trial conducted on Seyval grapevines in a commercial vineyard in Phelps, NY 2017 .
- Spray volume: 100 gpa
- Experimental design: complete random block design with five replications, 4 samples per experimental unit
- Treatments associated to the same letter are not significantly different. Statistical Analysis of Variance conducted using the Student Newman Keuls method at P = 0.10 .

The label rate of FungOUT generated similar level of efficacy than Kaligreen product.



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.