

# FUNGOUT

Fungicide & Bactericide

## TECHNICAL SHEET

Cucurbits

## 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
Cucurbits Crop Group 9 (such as: melon, squashes, pumpkins and cucumbers)	Powdery mildew ( <i>Podosphaera fusca</i> ; <i>Erysiphe</i> <i>cichoracearum</i> , <i>syn. Golovinomyces</i> <i>cichoracearum</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 10L
- **Formulation Type:** liquid concentrate
- **Chemical Group:** N/A biopesticide
- **PHI:** 0 day

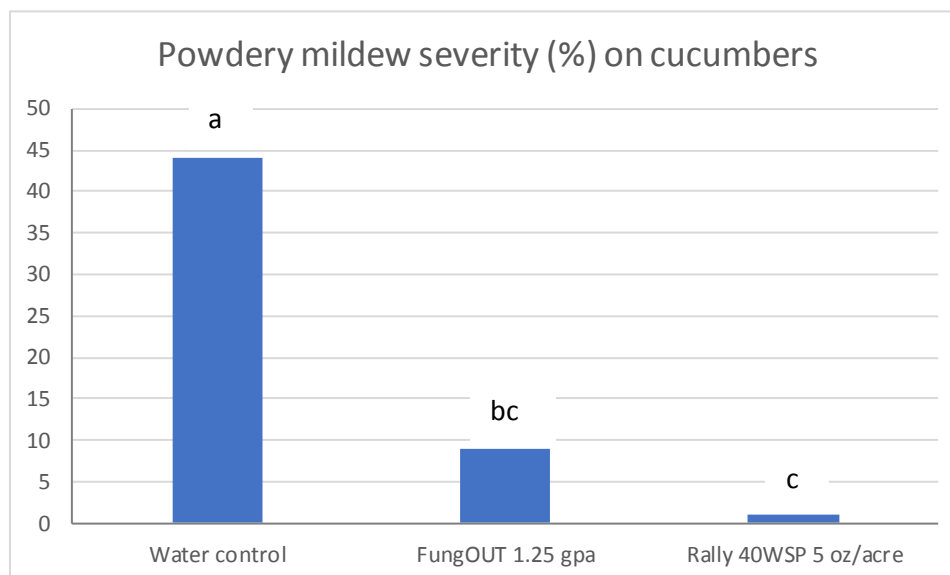
Updated : 11/12/2017

### 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 by AEF Global at a research facility in Canada, 2016.
- Spray volume: 100 gpa
- Experimental design: complete random block design with four replications, 2 samples per experimental unit
- Treatments associated to the same letter are not significantly different from the critical threshold corrected by Tukey method.



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