Disease Prevention for Angular Leaf Spot and Powdery Mildew

Active ingredients: Citric acid and lactic acid (present as fermentation products of Lactobacillus casei strain LPT-111)

Packaging: One (1) case = 2 x 10L

Formulation Type: liquid concentrate

Chemical Group: N/A biopesticide

PHI: 0 day

REI: when spray is dry

Rainfastness: Do not apply if rainfall is expected within 24hrs of application

Rates: 8% to 12% dilution for 200L/hectare (16 – 24 L/ha)

Use of a non-ionic surfactant helps achieve higher efficacy

Powdery Mildew Disease Severity on Strawberry:
Tivano helps decrease the powdery mildew disease severity on strawberry. Comparative fungicide is a local systemic fungicide. Surfactant used is LI 700. Data taken 7 days after the 4th treatment (7 day interval between treatments). Strawberry variety: Seascape. AEF Trial, Quebec 2009.

Recommendations for Optimal Results

- Use the amount of water needed for full coverage of both side of leaves
- Apply preventatively or at first sign of disease
- Spray every 7 to 10 days
- Use of a nonionic surfactant (LI 700, Agral 90) can help achieve better coverage of leaves and better efficacy
- When conditions are susceptible to disease development, use Tivano in a rotational program with a systemic fungicide
Tivano helps decrease powdery mildew disease incidence on strawberry. Comparative fungicides: alternation of a local systemic fungicide and a protectant fungicide. 7 day interval treatments. Strawberry variety is Seascape. AEF Trial, Ile d’Orleans, Quebec, 2009.

Preventive use of Tivano allows for increased strawberry yields

Petri dish test ($10^6$ cfu/ml) shows suppression of angular leaf spot when treated with Tivano. No angular leaf spot bacteria developed with 10% Tivano treatment. McGill 2009.

For more information call your retailer or:

B.C.: 1-604-534-8815
Western Canada: 1-800-561-5444
Ontario & Maritimes: 1-800-265-5444
Quebec: 1-800-361-9369

Please refer to product label for complete application details.
Always read and follow label directions.
All information effective April 2013.
Log on to www.uap.ca for full label information.

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