

Vivando®

Fungicide

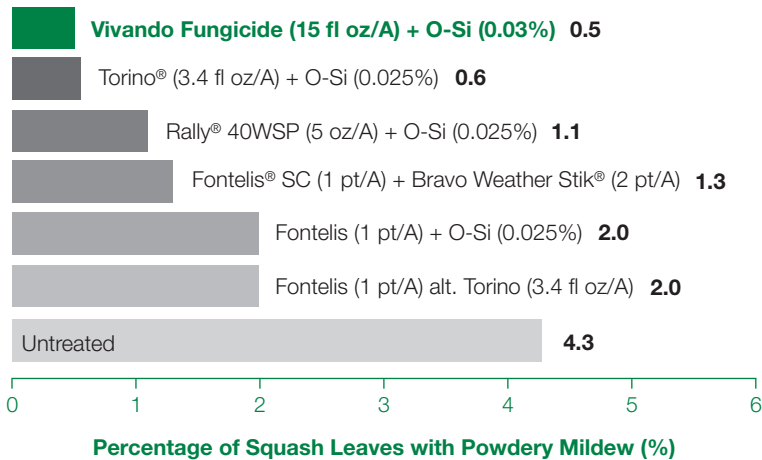
Advanced Powdery Mildew Control for Cucurbits

Benefits of Vivando® Fungicide

- Unique mode of action for high performance and resistance management
- Multi-Level Activity stops infections and limits sporulation with surface migration for improved coverage and performance
- Highly rainfast and favorable PHI for flexible and effective powdery mildew control

Vivando fungicide makes a good powdery mildew program better with consistent performance and a unique mode of action

Vivando Fungicide Control of Squash Powdery Mildew



2013 Shouan Zang, U of FL, Homestead, FL. Variety = Senator. Applications – April 15 and 22, 2013. Disease evaluation on April 25, 2013.



150 years

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Technical Information Bulletin

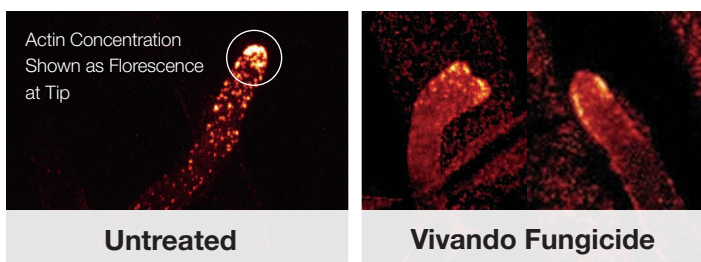
Powdery Mildew Control with Vivando® Fungicide



2013 Shouan Zhang, U of FL, Homestead, FL. Variety = Senator. Vivando fungicide applied with Sylgard® 0.03%.

Vivando Fungicide Unique Mode of Action

Vivando fungicide disrupts actin accumulation in the hyphal tip. This stops normal fungus growth.



Normal actin accumulation at hyphal tip (left) allows for normal fungal growth. Vivando fungicide prevents actin accumulation (right) and this disrupts fungal growth. Photos use antibody-based staining and CLSM microscopy technique.

Vivando Fungicide Use Timing Recommendation

- Vivando fungicide can be alternated with Merivon® fungicide at 5.5 oz/A, which would utilize 3 modes of action for optimal powdery mildew control in cucurbits
- Vivando fungicide and Merivon fungicide are most effective when applied at the first sign of disease
- Mix Merivon fungicide with water only for applications made to the cucurbit vegetables group

Best Use Recommendations

- Use Rate: 15.4 oz/A
- Apply preventively for best performance
- Does not have curative action
- Alternate PHI = 0 days
- ≤ 2 sequential sprays then change MoA
- Maximum of 3 sprays/year

Adjuvant Flexible

- Performance generally improved by adding non-phytotoxic adjuvants
- Use commonly recommended organo-silicone adjuvants
- DO NOT mix with horticultural oils

Target Disease

- Powdery Mildew – *Sphaerotheca* spp and *Erysiphe* spp

Crop Uses

- All Group 9 cucurbit vegetables
- Grapes, pome fruits, fruiting vegetables, hops, cherries, peach and apricot



Always read and follow label directions

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