



Serenade® Opti Biological Fungicide

FRAC Group BM02 Fungicide

Serenade® Opti biological fungicide is a versatile tool designed to provide effective disease protection. Serenade® Opti protects against the effects of foliar fungal and bacterial diseases.

/// BIOLOGICAL COMPONENT

Serenade® Opti is part of a collection of biological fungicides and insecticides from Bayer that provide growers with more options in their integrated disease management programs and the fight against resistance.

/// BENEFITS

Serenade® Opti fungicide is part of Bayer's biological portfolio that gives growers more options for their pest management programs.

- **Effective Protection**
Fights fungal and bacterial diseases and can be an effective addition to an integrated disease management program.
- **Resistance Control**
Uses multiple sites of action to target the disease, providing control and reducing the likelihood of resistance development.
- **Flexible Application**
Four-hour re-entry interval and a zero-day pre-harvest interval make Serenade Opti an excellent tool for late-season disease problems, right up to and including the day of harvest.
- **Exempt from Maximum Residue Level (MRL)**
Exempt from the requirements of residue tolerance for export to global markets.
- **Integrated Management Tool**
Compatible with registered products including copper, sulfur, micronutrients, insecticides and fungicides.

/// PROVEN PERFORMANCE

Serenade Opti is composed of effective biological chemistry and spores of *Bacillus subtilis* QST 713, which is a beneficial bacterium that works in three different ways to fight disease-causing pathogens.

Stopping harmful spores from germinating, it disrupts the cell membrane growth and inhibits the attachment of the pathogen to the leaf. The multiple sites of action not only create an effective fungicide, but also make it very difficult for diseases to develop resistance.

/// SERENADE OPTI QUICK FACTS

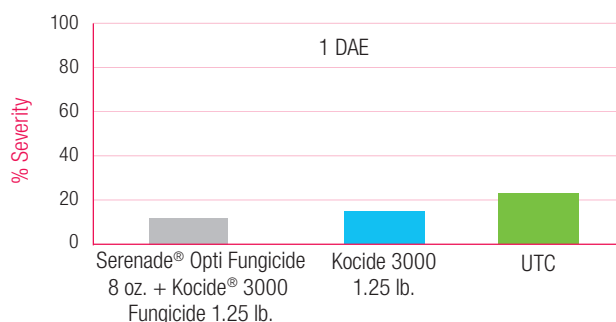
- **Active Ingredient:** *Bacillus subtilis* QST 713
- **Signal Word:** Caution
- **REI:** 4 hours
- **PHI:** 0 days
- **Use Rate:** 14 to 20 oz./A

Registered Crops	Key Diseases
• Citrus • Grapes • Leafy Vegetables • Pome Fruit • Stone Fruit • Strawberries • Tomatoes • Tree Nuts	• Botrytis • Fire Blight • Sclerotinia • Xanthomonas



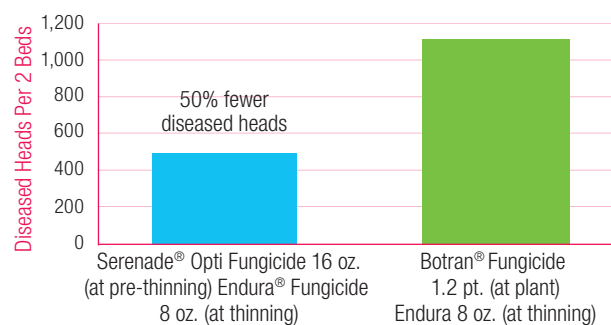
Serenade® Opti Biological Fungicide Reduces Disease Severity in Tomatoes and Lettuce

Serenade® Opti Biological Fungicide Reduces



Langston, University of Georgia, Tifton, GA – 2011. Materials were applied using a Hi-Boy sprayer equipped with 4–6 TX-18 nozzles per row delivering 40–60 GPA. Applications were made on a 7-day interval beginning 9/1, for a total of 7 applications (A-G). Harvested 7DATG. *Xanthomonas perforans*. (11-04-008)

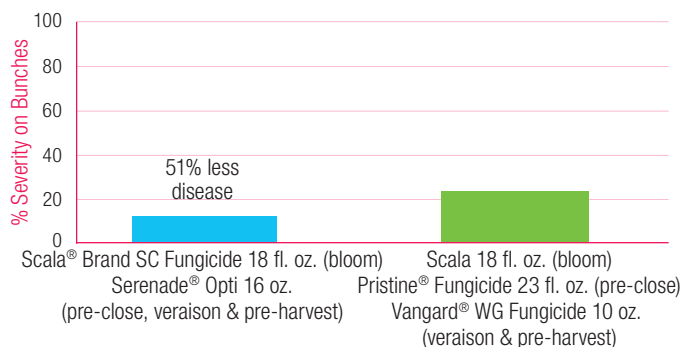
Serenade® Opti Controls



Salinas, CA – 2011, Variety "Tombstone," 30 GPA to 60 GPA. (11-02-222)

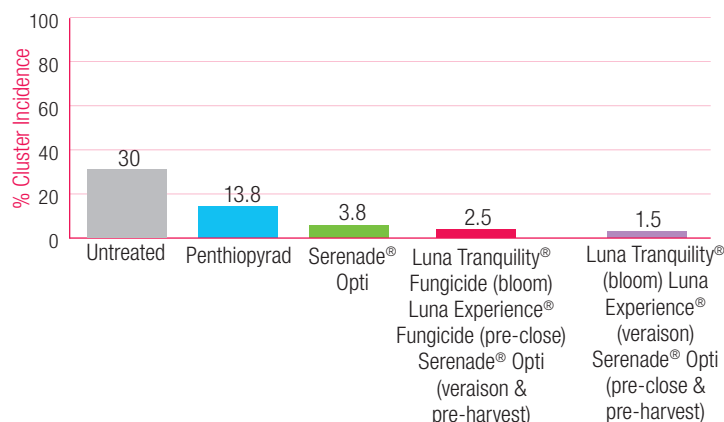
Serenade® Opti Provides Excellent Control of Botrytis Bunch Rot on Grapes

Lower Disease Severity with Scala® Brand SC Fungicide and Serenade® Opti



Clarksburg, CA – 2011, Variety "Riesling," 100 GPA. (11-01-221)

Integrated Bayer Programs with Serenade® Opti Reduce Botrytis in Wine Grapes



Under low disease pressure, Serenade Opti gives good Botrytis control and excellent control in programs with Luna Tranquility and Luna Experience. Gubler, UCCE, Napa Co, CA. 2013. FP13USAGMPUGE3. Penthiopyrad 0.01 lb./A, Serenade Opti 1 lb./A, Luna Tranquility 0.128 gal./A, Luna Experience 0.06 gal./A.



IMPORTANT: This bulletin is not intended to provide adequate information for use of these products. Read the label before using these products. Observe all label directions and precautions while using these products.

For more information, visit www.CropScience.Bayer.us.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Performance may vary, from location to location and from year to year, as local growing, soil and environmental conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their growing environment. The recommendations in this material are based upon trial observations and feedback received from a limited number of growers and growing environments. These recommendations should be considered as one reference point and should not be substituted for the professional opinion of agronomists, entomologists or other relevant experts evaluating specific conditions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with your state department(s) of agriculture, local dealer or representative for the product registration status in your state. Not all products are registered for use in all states and may be subject to use restrictions. Bayer, Bayer Cross, Scala® and Serenade® are registered trademarks of Bayer Group. All other trademarks are the property of their respective owners. For additional product information call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our website at www.BayerCropScience.us. Bayer CropScience LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167. ©2026 Bayer Group. All rights reserved.

