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*Innovative natural product solutions for pest management*

**TECHNICAL INFORMATION BULLETIN  
FOR THE USE OF SERENADE<sup>®</sup> MAX  
TO CONTROL SOIL DISEASES (*Rhizoctonia* spp. and *Pythium* spp.) IN CITRUS**

**FIFRA Section 2(ee) Recommendation**

**This recommendation is made as permitted by Section 2(ee) of FIFRA, as amended, and has not been approved by the U. S. Environmental Protection Agency.**

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF FLORIDA**

**SERENADE<sup>®</sup> MAX  
EPA Reg. No. 69592-11**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your state or tribe, consult the state or tribal agency responsible for pesticide regulation.

This FIFRA Section 2(ee) recommendation contains new or additional directions for use of this product, which may not appear on the package label.

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. See the label attached to the container for First Aid, Precautionary Statements, Storage and Disposal Instructions and Directions for Use.

This recommendation must be in the possession of the user at the time of pesticide application.

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**FOR USE AS A SOIL TREATMENT ON SELECT AGRICULTURAL FIELD CROPS**

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Serenade MAX has a 0-Day PreHarvest Interval for all crops.

Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Serenade MAX in a tank mix or rotational program with other registered fungicides.

Serenade MAX is a broad spectrum biofungicide for the prevention, suppression and control of soil borne diseases on a wide range of fruits and vegetables. Serenade MAX enhances germination and plant growth by suppressing diseases caused by *Rhizoctonia* and *Pythium*.

**APPLICATION INSTRUCTIONS:**

**Soil Treatment At Planting:**

Use at planting or transplant. Mix 1 lb. to 3 lb. of Serenade MAX in appropriate amount of water per acre. Use higher application rates under conditions of heavy disease pressure. Apply finished mixture at a rate to thoroughly soak the growing media through the root zone (1 pint finished mixture / sq. ft for each 3 inches of soil depth) as a drench or directed spray using hand held, mechanical or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler or drip irrigation systems. Serenade MAX can be mixed with chemical fungicides registered for soil applications.

**Soil Treatment Through Irrigation:** Use at any stage of plant growth. Mix 1 lb. to 3 lb. of Serenade MAX in appropriate amount of water per acre. Use higher application rates under conditions of heavy disease pressure. Optimal performance is obtained with preventative treatments repeated every 21 to 28 days throughout the growing cycle. Serenade MAX can be mixed with chemical fungicides registered for soil applications.

See application rate table for rates and application instructions.

**Application Rates of Serenade MAX for Soil Uses in Field for Soilborne/Seedling Disease Control**

Crops	Disease	Rate	Application Instructions Soil Drench
<b>Citrus</b> Orange Grapefruit Lemon Tangerine Tangelo Pummelo and other citrus crops	<i>Rhizoctonia</i> spp. <i>Pythium</i> spp.	Soil Drench 1 to 3 lb. / acre	Soil Drench Uses: Field  Mix 1 lb. to 3 lb. of Serenade MAX in appropriate amount of water per acre. Use higher application rates under conditions of heavy disease pressure.  Apply finished mixture at a rate to thoroughly soak the growing media through the root zone (1 pint finished mixture / sq. ft for each 3 inches of soil depth) as a drench or directed spray using hand held, mechanical or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler or drip irrigation systems.  Begin applications at planting, during or after transplanting and at any stage of plant growth. Optimal performance is obtained with preventative treatments repeated every 21 to 28 days throughout the growing cycle. Serenade MAX can be mixed with chemical fungicides registered for soil applications.

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