

PLANT DISEASE FACTS

By the Department of
PLANT PATHOLOGY & CROP PHYSIOLOGY



2014 Louisiana Cucurbit Downy Mildew Spray Recommendations

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Downy mildew is an aggressive and destructive disease that can't be successfully controlled without the use of fungicides. Protectant and systemic fungicides should be applied to prevent disease and reduce the dissemination of the pathogen. The following fungicides are the most effective for cucurbit downy mildew management in Louisiana:

- **Systemic Fungicides**
 - Previcur Flex
 - Ranman
 - Gavel
 - Presidio
 - Tanos
 - Zampro
- **Protectant Fungicides**
 - Dithane
 - Chlorothalonil

Example Spray Program

Tanos (8 oz/A) + Mancozeb (3 lb/A) *alternated with*
Previcur Flex (1.2 pt/A) + Bravo Ultrex (1.8 lb/A)

This program is most effective when the fungicides are applied 7 days prior to disease confirmation and reapplied at 5- to 7-day intervals after disease confirmation.

For a complete list of fungicides registered for cucurbit downy mildew consult the 2014 Louisiana Plant Disease Management Guide (www.lsuagcenter.com) or the current edition of the Southeastern U.S. Vegetable Handbook (www.thegrower.com/south-east-vegetable-guide).