

2016 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**
 - Zing!*
 - Previcur Flex
 - Ranman
 - Gavel*
 - Presidio
 - Zampro
- **Protectant Fungicides**
 - Dithane
 - Chlorothalonil
 - Mancozeb

*Contains a protectant fungicide

For a complete list of fungicides registered for cucurbit downy mildew consult the 2016 Louisiana Plant Disease Management Guide (www.lsuagcenter.com) or the current edition of the 2016 Southeastern U.S. Vegetable Handbook (www.thegrower.com/south-east-vegetable-guide).

Example Spray Program

Prevention (before symptoms): Zampro (14 fl oz/A) + protectant

Management (after symptoms): Zing! (36 fl oz/A) *alternated with*
Ranman + protectant

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.