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
  *Contains a protectant fungicide

- **Protectant Fungicides**
  - Dithane
  - Chlorothalonil
  - Mancozeb


**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.