

**Downy Mildew Confirmed in Ohio Cucumbers**  
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**Downy mildew was confirmed on cucumber leaves collected from a farm in Medina County, OH on June 20.** None of the cucumbers in fields on eleven other farms scouted in the area, including northern Wayne county, showed symptoms of the disease. The cucumbers had not been sprayed with fungicides. This outbreak follows a report of downy mildew on production cucumbers in southwestern Ontario on June 8. The weather in Ohio has been largely warm and dry this growing season, but Wayne/Medina counties have received approximately weekly thunderstorms, which may have provided favorable conditions for movement of downy mildew spores and crop infection. Ohio growers, particularly in the northern parts of the state, are cautioned to take measures to prevent an outbreak of the disease in cucumbers. This includes stepped-up scouting and application of protectant fungicides on a 7-10 day schedule under current weather conditions. One of the following fungicides, tank mixed with Bravo (0 days PHI) or Dithane (5 days PHI), will provide protectant activity: Gavel (5 days PHI), Previcur Flex (2 days PHI), Tanos (3 days PHI), or Ranman (0 days PHI). Products must be alternated to avoid development of fungicide resistance.

Cucumber is the most susceptible of the cucurbits to downy mildew, and in the past we have not seen downy mildew on squash and pumpkins until several weeks after its appearance on cucumbers. However, growers should step up scouting of pumpkin and squash fields at this time and apply protectant fungicides if weather conditions are favorable and particularly if the disease has been reported in nearby cucumbers.

Please see the VegNet website for a detailed description of the disease and management recommendations (<<http://www.ag.ohio-state.edu/~vegnet/news/currentvn13-07.htm>><http://www.ag.ohio-state.edu/~vegnet/news/currentvn13-07.htm>).