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Climate](#)[Viticulture](#)[Pest
management](#)[Scouting guide](#)[Publications](#)[Calendar of
events](#)[Industry links](#)[Contacts](#)

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Peach rosette mosaic virus decline - Peach rosette mosaic virus

Annemiek Schilder, MSU Plant Pathology

[Home](#) > [Scouting guide](#)> peach mosaic virus

This virus occurs only in Concord and Catawba grapes in Michigan. Symptoms appear 3 to 4 years after infection. The plant canopy is umbrella-like with shortened and crooked internodes. Leaves are misshapen with a flattened base. Clusters are scraggly and may shell berries. Infected vines lack vigor, are prone to winter injury and may die after several years. The virus is spread by nematodes, infected planting stock and grape pomace. The virus also infects peaches and perennial weeds such as dandelion, horse nettle and curly dock. Boron deficiency and fanleaf degeneration may mimic this disease.



Healthy shoot.



Dead and dying vines in a circular pattern, and an infected shoot with short internodes.

Additional information

- Search [MSU Extension News for Agriculture](#) site
- Search MSU *Fruit CAT Alert* newsletter for articles. Type in keyword: Peach rosette mosaic virus
- [MSU Diagnostic Services](#)
- Special [grape disease problems](#) and controls (from [Michigan Fruit Management Guide](#)) (Download [Adobe Acrobat Reader](#) to view PDF files)

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