

BEET WESTERN YELLOW VIRUS

Green Peach Aphid – Myzus persicae



photo by: C. Schlägel



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Identification

- Beet Western Yellows is caused by a virus

Detection

- Symptoms appear as yellowing on tops of older mature leaves
- As the infection develops, yellowing increases throughout the plant
- The veins remain green in color
- The leaves become thick and brittle

Cause of Infection

- The virus is spread by 8 species of aphids, particularly the green peach aphid
- The plant shows symptoms 12 to 35 days after inoculation by aphids
- Infected leaves are often attacked by alternaria

Control

- Difficult to control
- Separate new plantings from infected crops