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Manganese deficiency

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Manganese deficiency occurs frequently in grapevines but seldom causes economic harm. Symptoms occur on basal, often shaded leaves. The yellowing pattern between the veins occurs as "islands" of yellow areas rather than a continuous discoloration of the leaf. The leaves maintain a normal size and shape.

Additional information

 Sampling information from MSU Soil and Plant Nutrient Laboratory



Manganese deficiency showing the characteristic "islanding" pattern. This symptom often occurs on basal shaded leaves. Photo: T. Zabadal

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Funding for this web site provided by Project GREEEN, American Farmland Trust, EPA Region 5's Strategic Agricultural Initiative program, The National Foundation for IPM Education, the Center for Agricultural Partnerships and the MSU Integrated Pest Management Program in collaboration with MSU Extension and the Michigan Agricultural Experiment Station. Partially support from NC-IPM Center.

05/26/11 Contact: E. Haney