## **Nutrient Deficiency Symptoms in Apple Trees**



Nitrogen deficiency symptoms: uniformly pale yellow leaves (Ontario Apple IPM)



Potassium deficiency symptoms: tan/brown leaf edges (Eric Hanson, MSU)



Calcium deficiency causing the disorder called "bitter pit" in apple fruit (Yara)



Zinc deficiency symptoms causing "little leaves" & leafless areas on branches (Eric Hanson, MSU, Yara)

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