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Sour soil (Säureschäden)

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When varieties of *Vitis vinifera* L. are grown on highly acidic soils (pH of 4.5 or less), the margins of basal leaves may become yellow and then speckled with brown areas. The low soil pH level associated with these symptoms results in low levels of calcium, magnesium and phosphorus in vines and high levels of potassium, aluminum and manganese. This condition may cause poor fruit and shoot maturity.



Säureschäden on the basal leaves of White Riesling vines.

Photo: T. Zabadal

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