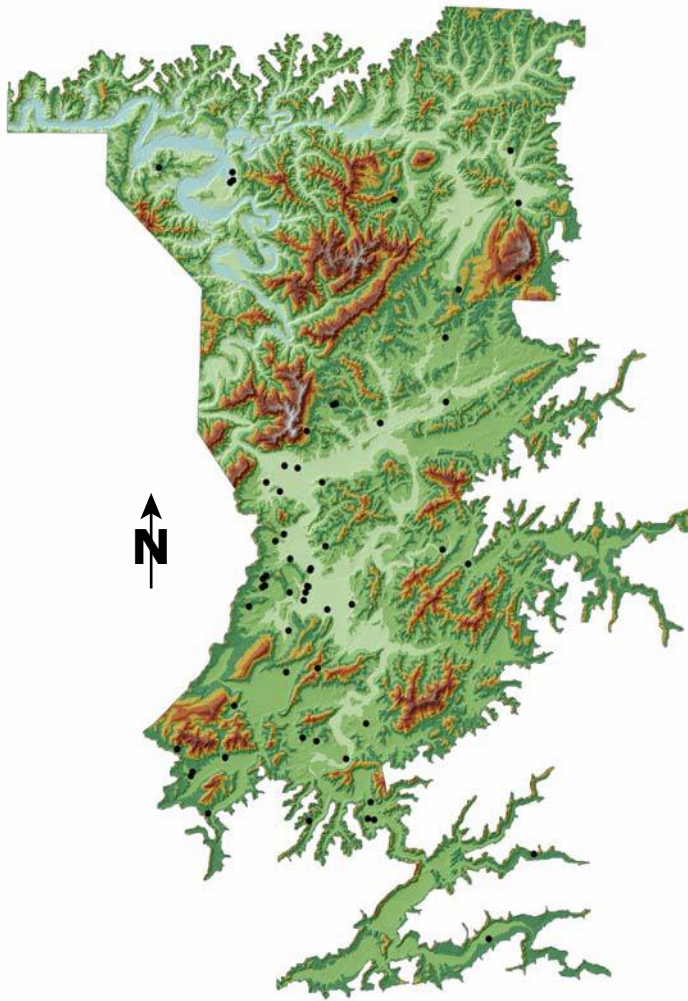


Umpqua Valley AVA: A GPS and GIS Vineyard Mapping and Analysis of Varietal, Climate, Landscape, and Management Characteristics



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In Cooperation with:
The Umpqua Valley Chapter of the Oregon Winegrowers' Association
The Oregon Wine Advisory Board