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## DR. THAYNE MONTAGUE

Professor,  
Plant and Soil Science

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*Our research goal is to assist **fruit growers** and **homeowners** integrate methods to produce **healthy crops** and **aesthetic landscapes** by incorporating key **water conservation principles**.*

### RESEARCH EXPERTISE

- Microclimate interactions, drought tolerance, water use, and adaptation of grapevines and fruit crops to semi-arid climates
- Physiology and water use of woody plant species (fruit crops, ornamentals)
- Propagation of ornamental plant species

### PROFESSIONAL PREPARATION

- B.S. Brigham Young University, 1990
- M.S. Auburn University, 1993
- Ph.D. Utah State University, 1999

### FAVORITE ARTICLE

Andrenko, I., Montague, T., McKenney, C., & Plowman, R. (2020). Salinity tolerance of select wildflower species in a hydroponic setting. *HortScience*, 55(7), 1119-1131. <https://doi.org/10.21273/HORTSCI15052-20>

### WHAT MAKES THE DAVIS COLLEGE GREAT?

Working in the Davis College has been a very satisfying opportunity for me. Over the years we have been blessed to have administrators within the Dean's Office and the Plant and Soil Science Department who have been superb role models and have provided excellent guidance to both faculty and staff. The Department of Plant and Soil Science faculty and staff are devoted to their work, and if called upon, often go the extra mile to assist in any way they can. It is always a pleasure to visit with those within the Dean's Office and know they will do their best to help and assist with the challenges faculty are facing. Because administrators, staff, and faculty members of the Davis College and my department provide a great working environment and are eager to engage and assist each other, it has been a pleasure to come to work each day for the past 22 years.