Regional Considerations for Pistachio Production

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Thanks to David Doll & Louise Ferguson for input.

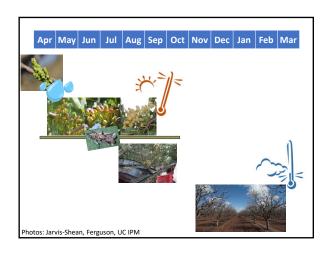
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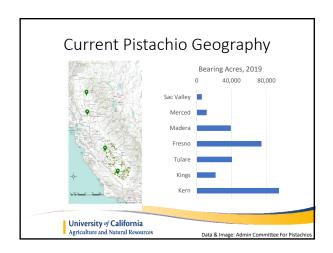


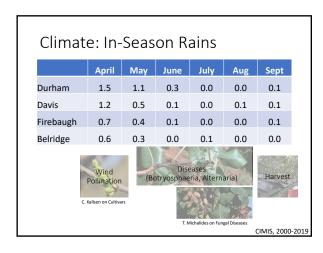
- Current Production Areas
- Annual Climatic Considerations
- Orchard Lifetime Consideration

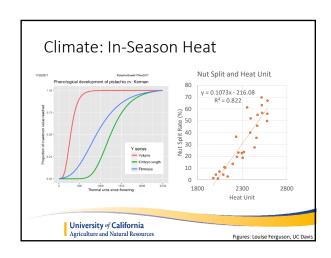
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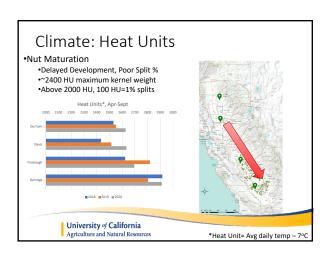
Current Pistachio Geography Bearing Acres, 2019 0 40,000 80,000 Sac Valley Merced Madera Fresno Tulare Kings Kern University of California Agriculture and Natural Resources Data & Image: Admin Committee For Pistachios

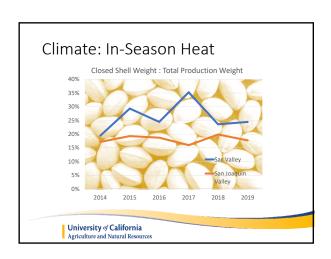


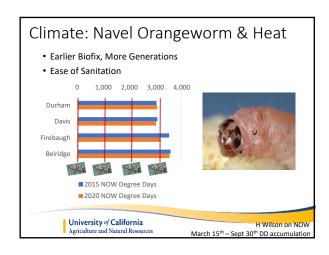


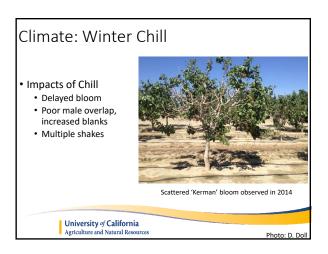


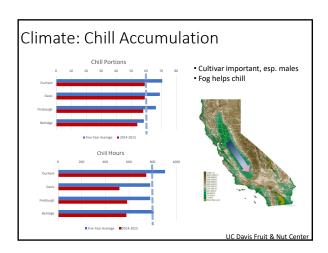


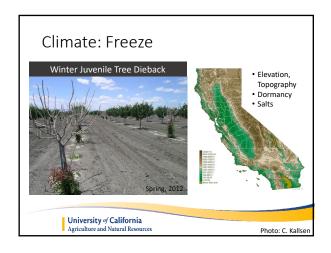


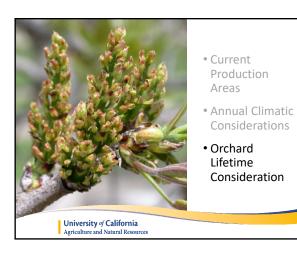






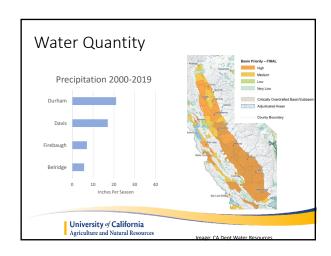




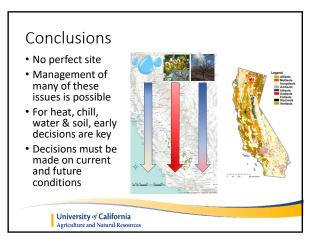


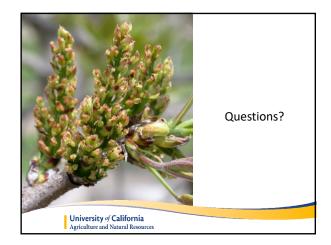
Water Quantity and Quality Varies across the state 42" of water use for maximum production Can get by on less, but affects yield May need more if poor quality Source Issues Groundwater Surface Water

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Soil Quality Saturated or easily saturated soils River bottoms High water table (quality and quantity) Saline, Alkaline soils Toxicity of sodium, chloride, and boron Limits – M. Culumber's talk University of California Agriculture and Natural Resources CA Soils Resource Lab, UC Davis





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