



VINEYARD TEAM

Promoting Sustainable Winegrowing



Soil Moisture Monitoring for Vineyard Irrigation Management

March 12, 2014 – Broken Earth Winery – Paso Robles

8:00 Introductions

Fritz Westover, Technical Program Manager, Vineyard Team

Kendall Lambert, Water Program Coordinator, Community Alliance with Family Farmers

Indoor Presentation

8:10 A Primer on the Soil-Water Interface in the Irrigated Vineyard

Paul Anamosa, Viticulturist & Soil Scientist, Vineyard Soil Technologies

9:00 Measuring and Monitoring Salts in Soil and Water

Keith Backman, Senior Consultant, Dellavalle Laboratories

9:30 Using Soil Moisture Sensors to Assist Irrigation Scheduling

Mark Greenspan, Viticulturist, Advanced Viticulture

10:15 Vineyard Team Irrigation Demonstrations – Paso Robles

Fritz Westover, Technical Program Manager, Vineyard Team

10:30 Break (15 min.) + Drive to Serena Vista Vineyards (1.8 miles, 15 min)

Serena Vista is one of three vineyard sites evaluated for the Vineyard Team Irrigation demonstration, funded by the USDA NRCS Conservation Innovation Grant and private cash and in kind donations.

Field Demonstrations

11:00 Best Placement of Soil Moisture Sensors

Methods to physically evaluate soil and select depths to place sensors

Paul Anamosa, Mark Greenspan, Fritz Westover

11:30 Industry Roundtable on Soil Sensors – Brands and how they work

Flash talks by viticulture consultants on experience with multiple sensor brands

AcuaCheck - **Mark Greenspan**, Advanced Viticulture

Decagon - **Lowell Zelinski**, Precision Ag Consulting

Neutron Probes - **Dan Rodriguez**, Vina Quest

Watermark - **Alan Campbell**, SmartVineyards

12:00 Adjourn Meeting