

Monthly Update

Farm Assessments, Irrigation Efficiency Study, Demonstration Project, and Irrigator's Workshop

March 17, 2025



Farm Assessments Field Work Completed

12 Ranches Surveyed

Diamond G

Goodwin Family

DS Ranch

Bar One Ranch

KT Hay/Dennis March

Williams/Dotta Ranch

McHenry Ranch

Potter Ranch

Grissom Ranch

Roberti Ranch

Goicoechea Ranch

Grandi Ranch

Other Ranches

Loyalton H.S. – To be scheduled

Macey Ranch – To be scheduled

Rees Ranch – To be scheduled

Green Gulch – not participating

Example Recommendation Table

Summary of Irrigation Efficiency Opportunities Determined During Farm Assessments

Ranch	Project Location	Water Efficiency Opportunity	Project Action	Meets Grant Requirements	Owner Interest	Groundwater	Completed
Diamond G Ranch	<i>No further assessment work is necessary in determining additional water efficiency opportunities.</i>						
	North Pivot	Sprinkler Conversion to improve efficiency	MESA --> LESA Conversion	Yes	Yes	Yes	Yes
	South Pivot	Sprinkler Conversion to improve efficiency	MESA --> LEPA Conversion	Yes	Yes	Yes	Yes
	N&S Pivot Well	Improve resulting sprinkler performance by limiting sediment clogging	Well Head Filtration	Yes	Yes	Yes	
	East Pivot	Sprinkler Conversion to improve efficiency	MESA --> LESA Conversion	Yes	Yes	Yes	
	East Pivot Well	Improve resulting sprinkler performance by limiting sediment clogging	Well Head Filtration	Yes	Yes	Yes	
	East Pivot	Soil Moisture Monitoring to Improve Irrigation Scheduling	Soil Moisture Sensor Installation	Yes	Yes	Yes	
	North&South Pivot	Soil Moisture Monitoring to Improve Irrigation Scheduling	Soil Moisture Sensor Installation	Yes	Yes	Yes	

Farm Assessment Schedule

- Complete remaining Farm Assessment Surveys
- Submit Draft Written Reports to Grandi, Diamond G, Goodwin Family, and Grissom by March 31st
- Perform Telephone or In-person meetings with each Ranch to discuss draft Farm Assessment
- Complete initial Recommendations Table addressing remaining Ranches by the April Board Meeting
- Submit Draft Written Report to the Board on remaining ranches by April 30th
- Perform Telephone or In-person meetings with those remaining Ranch to discuss draft Farm Assessment
- Complete final Farm Assessment Reports for Individual Farms and submit any updated recommendations to Board – ongoing.

Plumas Demo Project

- Installing Soil Moisture Meters March 20/21
 - Diamond G East Pivot
 - Bar One Indian Pivot
- Install Additional Soil Moisture Meters prior to start-up
 - Roberti Pivot 2
 - DS Ranch Pivot 11
- Install Meter Register on Roberti Pivot 2 prior to start-up
- On-going irrigation season consultation with Diamond G, Roberti, Bar One and DS Ranches (DEMO Ranches) regarding soil moisture interpretation

NEXT SLIDE FOR AGENDA ITEM F

Irrigator' Workshop

March 31, 2025

5:00 to 7:30 pm

- 5:00 to 5:15 pm - **Recent 2024-2025 Soil Moisture and Climate Data**
- 5:15 to 5:45 pm - **Application of Soil Moisture and Climate Data to the 2025 Growing Season**
- 5:45 to 6:15 pm - **Dinner Break**
- 6:15 to 7:30 pm - **Real-World Application and Use of data**