

Lower West Coast Mobile Irrigation Lab

Quarterly Report Fourth Quarter – Fiscal Year 2023 July1 through Sept 30th, 2023

Sponsored by:

**Collier Soil and Water Conservation District
Florida Department of Agriculture and Consumer Services
Natural Resources Conservation Service**

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Evaluation Results

SYSTEMS EVALUATED

This report covers the fourth quarter of Fiscal Year 2023, from July 1- Sept 30th, 2023. The Mobile Irrigation Lab (MIL) completed 42 total evaluations, which were all initial evaluations. The 42 evaluations were performed on microjet systems on citrus and solid set systems for container nurseries.

RESULTS

Agricultural system evaluations are rated based on the measured Emission Uniformity (EU) of systems. The average EU of the agricultural systems and container nurseries evaluated was 80.1%.

WATER SAVINGS

Potential Water Savings (PWS) are based on first-time evaluations and estimate the amount of water that would be saved each year by making the recommended system improvements and/or following recommended irrigation scheduling guides. Actual Water Savings (AWS) are calculated from system improvements measured by follow-up evaluations.

PWS: 364.1 million gallons (1117.5 acre feet) per year.

Conservation Education/Outreach Activities

The MIL team also provides education and outreach services on a regular basis to individual agricultural irrigators related to evaluations performed by the MIL. The MIL continues to work on preparing and refining various PowerPoint presentations to assist in future education activities. Staff spends time designing and maintaining the Collier Soil and Water Conservation District and MIL website at www.collierswcd.org.