

Lower West Coast Mobile Irrigation Lab

Quarterly Report Second Quarter – Fiscal Year 2018 January 1 through March 31, 2018

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 second quarter of Fiscal Year 2018, from January 1 to March 31, 2018. The Mobile Irrigation Lab (MIL) completed 52 total evaluations, 37 of which were initial evaluations, and 15 of which were follow-up evaluations. All 52 evaluations were performed on microjet systems on citrus.

RESULTS

Agricultural system evaluations are rated based on the measured Emission Uniformity (EU) of systems. The average EU of the agricultural systems evaluated was 73%.

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: 703.8 million gallons (2,159.8 acre feet) per year.

AWS: 46.3 million gallons (142.2 acre feet) per year.

Conservation Education/Outreach Activities

January

- MIL staff participated in a meeting at the University of Florida Institute of Food and Agricultural Sciences Southwest Florida Research and Education Center in Immokalee, about Citrus concerns.
- MIL staff participated in a meeting of the Greenscape Alliance, a partnership of government and private agencies concerned with water quality in Collier County.

March

- MIL staff taught the irrigation portion of the Best Management Practices for Landscape class held at the Rookery Bay National Estuarine Research Reserve in Naples.

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. MIL staff also designs and produces display posters that can be used in the MIL display booth. Staff spends time designing and maintaining the Collier Soil and Water Conservation District and MIL website at www.collierswcd.org.

