

# **Lower West Coast Mobile Irrigation Lab**

## **Quarterly Report First Quarter – Fiscal Year 2019 Oct 1 through December 31, 2019**

**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 first quarter of Fiscal Year 2020, from October 1 to December 31, 2019. The Mobile Irrigation Lab (MIL) completed 20 total evaluations which were all initial evaluations with no follow-up evaluation. All 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 74%.

## **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: 79 million gallons (242.2 acre feet) per year.**

# Conservation Education/Outreach Activities

**August**

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- MIL staff graded test scores at the Envirothon in Fort Myers.

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](http://www.collierswcd.org).