



# Summer 2019 Irrigation Evaluation Program *Drip/Micro Irrigation Systems*

The Cal Poly Irrigation Training & Research Center (ITRC) is inviting growers to participate in the 2019 Summer Irrigation Evaluation Program. This program is funded by the US Bureau of Reclamation and supported by local irrigation/water districts. Evaluations begin on June 24, 2019.

**Please share with growers who may be interested.  
FIRST COME, FIRST SERVED!**

## Why Should I Participate?

Irrigation system performance has a huge impact on yields and yield quality. Older systems need to be checked out just like automobiles do. This evaluation lets a farmer know if a "tune-up" is needed.

On new systems, farmers should expect a high Distribution Uniformity (DU). This program will allow farmers to verify the quality of a new system.



## For More Information

To apply to have an ITRC student team perform irrigation system evaluations on up to three of your fields or for information:

Email Dr. Franklin Gaudi at [fgaudi@calpoly.edu](mailto:fgaudi@calpoly.edu)

Go to [www.itrc.org/projects/evals.htm](http://www.itrc.org/projects/evals.htm)

**Apply now at [www.itrc.org/ISE/](http://www.itrc.org/ISE/)**

## What Does the Student Team Do?

- Spends about one day in the field taking measurements of pressures and flows, and making observations of the filtration, chemical injection, etc.
- Inputs data into the Cal Poly ITRC Irrigation Evaluation Programs; examines field data
- Prints out data, results, and recommendations
- Sets up an appointment with the farmer to review the information

## Who Gets the Information?

- The farmer
- The irrigation district, if applicable (USBR districts must use federal project water)
- The USBR or DWR, as applicable (with identifying information removed)
- Cal Poly ITRC (for ongoing database with identifying information removed)

## What is the Farmer's Obligation?

- There is NO FEE; it is completely funded by USBR and DWR.
- The farmer must agree to have someone show the students the field, explain the layout, and start/stop the pump on the agreed-upon date and time. It is VERY helpful to provide a map of the irrigation system.
- If the system is a subsurface drip system, the farmer must provide workers with shovels to uncover tape in three locations, about 30' per location.
- The farmer must be willing to take the time to sit down and go over the results (about 30 minutes)

## What Type of Information is Provided?

- The Distribution Uniformity (DU) of the irrigation system
- The causes of non-uniformity
- Recommendations on how to improve that specific system's performance