



## LRGV Irrigation Management Modernization Challenges and Opportunities

Rio Farms Inc.  
25601 North FM 88, Monte Alto TX

**July 16, 2019 | 8:00 am – 2:15 pm**

This program will discuss opportunities, tools, technologies and challenges to modernizing irrigation in the Lower Rio Grande Valley. Relevant work from around the world will be discussed, local action taken and ongoing efforts to demonstrate practices will be highlighted. Salinity management will also be discussed as salt concentrations in the river continue to rise and are a growing concern. Lastly, legislative updates and funding opportunities will be discussed. Please register by July 8 at: [twri.tamu.edu/irrigation](http://twri.tamu.edu/irrigation)

**7:30 am Registration and Coffee**

**8:00 am Welcome and Introductions**

*Lucas Gregory, Senior Research Scientist, Texas Water Resources Institute*

**8:15 am Modernizing Australian Irrigation Systems: Opportunities for the RGV**

*Darren McGregor, North America General Manager, Rubicon Water*

**9:00 am Impacts of Water Management Automation in the Harlingen District**

*Al Blair, Axiom Blair Engineering*

**9:30 am Benefits of Delta Lake District Converting Smaller Concrete Canals to Pipelines**

*Isaac Huacuja, SWG Engineering, LLC*

**10:00 am Coffee Break**

**10:20 am Practices to Reduce Impact of Saline Irrigation Water**

*Girisha Ganjagunte, Texas A&M AgriLife Research, El Paso*

**11:00 am Moving Toward More Efficient Furrow Irrigation**

*Lucas Gregory, Senior Research Scientist, Texas Water Resources Institute  
Matt Klostermann, Rio Farms Inc.*

**11:15 am Rio Farms Cotton Irrigation Demo Project Tour**

**12:15 pm Lunch Sponsored by Texas Regional Bank**

**1:00 pm Texas Legislative Update**

*Wayne Halbert  
Kim Nygren, Director of Water Availability Division, TCEQ*

**1:30 pm Financing Irrigation District Improvements**

*Brooke Paup, Director, Texas Water Development Board  
Sonny Vela, U.S. Department of Agriculture Natural Resources Conservation Service*

**2:15 pm Adjourn**