



Meeting Announcement

Corn Grower Meeting on Nitrogen Management

August 28, 2015, 10:00 AM – 12:00 PM

Robert J. Cabral Agricultural Center, 2101 E Earhart Ave, Stockton, CA

You are invited to attend a grower focus group on nitrogen management in corn systems. The meeting is jointly organized by the Sustainable Agriculture Research and Education Program (SAREP, UC Davis) and Michelle Leinfelder-Miles (Farm Advisor, UC Cooperative Extension, San Joaquin County). UC Researchers Martin Burger, Hannah Waterhouse, and Jordon Wade will present. Please mark your calendars and RSVP to Michelle (209-953-6120 or mmleinfeldermiles@ucanr.edu) by Aug. 20th at noon. Coffee and lunch will be provided.

Agenda and Discussion Topics

- 1.) Background on:
 - a. Corn N requirements and N uptake pattern
 - b. Challenges with flood, furrow, and subsurface drip irrigation
 - c. Nitrous oxide (N₂O) emissions and possible mitigation practices
- 2.) Results of 3 years of field experiments with a focus on N management and N₂O emissions:
 - a. Effects of N rates on yields, crop N uptake, N export
 - b. Pre-plant nitrate sampling & corn stalk nitrate test
 - c. In-season N mineralization
 - d. Urease and nitrification inhibitors
 - e. N fertilizer formulation
 - f. N fertilizer concentration and placement
 - g. Lagoon water applications
- 3.) Questions, discussion
- 4.) Introduction to the Solution Center for Nutrient Management, additional resources
- 5.) Survey