



University of California Cooperative Extension, Monterey County
**2012 Irrigation and Nutrient Management Meeting and
Cover Crop and Water Quality Field Day**
Tuesday, February 21
7:45 a.m. to 3:00 p.m.
RAIN OR SHINE

Irrigation and Nutrient Management Meeting: Agricultural Center 1432 Abbott Street, Salinas, CA

- 7:45 **Registration and Refreshments**
- 8:00 ***Uptake of nitrogen by spinach***
Aaron Heinrich, Staff Research Associate, Monterey County Cooperative Extension
- 8:30 ***Fertilization trials on spinach and nitrogen fertilizer technology update***
Richard Smith, Vegetable Crop and Weed Science Farm Advisor, Monterey County
- 9:00 ***Tools for improving irrigation efficiency***
Mike Cahn, Irrigation and water resources Farm Advisor, Monterey County
- 9:30 ***Reduction of toxicity associated with pesticide run-off using an integrated vegetated treatment system and Landguard A900***
Bryn Phillips, Specialist, Dept of Environmental Toxicology, UC Davis
- 10:00 **Break**
- 10:30 ***Nitrogen Management Strategies to Comply with the RWQCB Agricultural Order***
Tim Hartz, Vegetable Crops Specialist, UC Davis
- 11:00 ***Breeding for improved nitrogen and water use efficiency***
Ryan Hayes, Lettuce Breeder, USDA
- 11:30 ***Three-year summary of low residue cover crops for winter fallow beds***
Richard Smith, Vegetable Crop and Weed Science Farm Advisor, Monterey County
- 12:00 ***Conclusion and travel to lunch and field demonstration site***

Field Trip: Spence Research Station, 1752 Old Stage Road, Salinas, CA

- 12:45 ***Pizza Lunch – on Site***
- 1:30 Field tour of the use of low residue cover crops on a commercial vegetable farm on the east side of the Salinas Valley. Will examine their impact on sediment, nutrient and pesticide loss from fallow fields.
- 2:30 ***Conclusion***

- * **Sponsors:** University of California Cooperative Extension; Resource Conservation District (RCD); Community Alliance with Family Farmers (CAFF)
- * **Continuing Education, Certified Crop Advisor and Water Quality Credits have been requested**
- * **For more information call Richard Smith 759-7357 or Michael Cahn 759-7377**

