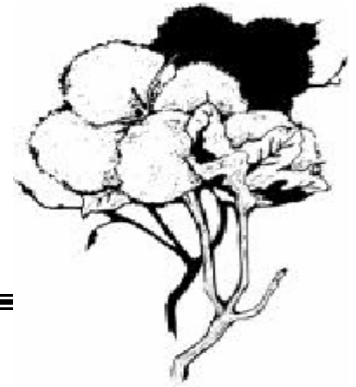




UC Cotton News



Precision Agriculture Field Day #2

July 24, 2003

Ted Sheely's Farm, Lemoore, California

8:30 – 11:30 AM

New Technologies for Identifying & Solving Field Production Problems

Welcome – *Bob Hutmacher, Cotton Specialist, UC Cooperative Extension*

- **How New Technologies Can Be Used to Improve Production**
John Ojala, USDA-ARS Shafter, CA and Ted Sheely, AZCAL
- **Defining the problems:**
 - Aircraft/Satellite Remote Sensing Uses in Precision Farming**
Nahum Gat, President, Opto-Knowledge Systems Inc., Torrance
 - Soil EC Maps**
Florence Cassel CSU Fresno CIT
- **Monitoring changes - Results from Soil Amendments Trial**
Richard Plant and Randy Horney, UC Davis
- **Variable Rate Technologies:**
 - Variable Rate Seeding Trials & Variable Rate Fertilizer Results on Cotton** - *Brock Taylor, Anderson-Clayton and Richard Plant, UC Davis*
 - Variable Rate Pix and Defoliation**
Matt Bethel, ITD, NASA J.C. Stennis Space Center, MS
- **Estimating Mid-Season Cotton Yield Variability**
Susan Ustin, Director, CSTARS, UC Davis

A Grower's Experience: Returns and Risks of High Technology Investments

Ted Sheely, AZCAL Farm Management Company, Lemoore, CA

Closing Comments – *Bruce Roberts, Farm Advisor UC Cooperative Extension*

Precision Agriculture Equipment displays and information booths.

In-field Guidance Systems
Variable Rate Applicators
Control Systems for ground and air
GPS and Local Position Systems

Cooperative Extension
U.S. Dept of Agriculture
University of California
Oakland, CA 94612-3560

Official Business (54)
Penalty for Private Use \$300

Presorted Standard
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USDA
Permit No. G-00268



Cotton Notes

July 24, 2003

UC Cooperative Extension & USDA-ARS

Steven D. Wright

Steve Wright
Farm Advisor

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