2008 California Alfalfa & Forage Symposium and Western Seed Conference
December 2-4, 2008
Town & Country Resort and Convention Center, San Diego, California

Organized by: UC Alfalfa & Forage Systems Workgroup, University of California Cooperative Extension, Western Alfalfa Seed Growers Association, University of Arizona Cooperative Extension

Website: http://alfalfa.ucdavis.edu
PCA and CCA Credits Available

Tuesday, December 2, 2008 – FIELD TOUR
7:45 AM-6 PM - Pre-Symposium Tour (separate sign-up)
Tour the phenomenally productive farmland of the Imperial Valley in the Low Desert of California.

1-6 PM Exhibitor Setup
6-8 PM Registration (pick up registration packets)
6:30-7:30 PM UC Alfalfa Workgroup Reception – Hotel Suites

Wednesday, December 3, 2008 – MORNING SESSION

Dairy and Forage Industry Trends
6:30-10:00 AM Registration
8:00 AM Welcome – Dan Putnam & Rod Christensen
8:10 Hay Market Trends – Seth Hoyt, The Hoyt Report, Ione, CA
8:35 Dairy Industry Status and Trends – Eric Erba, California Dairies, Inc. Visalia, CA
9:00 The Changing Nature of Dairy Rations: Effects on Forage Demand – Jerry Higginbotham, Farm Advisor, UCCE, Fresno, CA
9:25 Upcoming Environmental and Regulatory Challenges – Cynthia Cory, CA Farm Bureau Federation, Sacramento, CA

10:00 Break

Seed Industry Trends and Biotech Crops
10:30 Producing Quality Seed for the Forage Industry – Shannon Mueller, Farm Advisor, UCCE, Fresno, CA
10:50 Seed Industry Trends – Mark McCaslin, President, Forage Genetics International, Minneapolis, MN
11:10 Gene Flow and Stewardship of Biotech Alfalfa – Larry Teuber, Alfalfa Geneticist, University of California, Davis, CA
11:30 Regulatory Review of Roundup Ready Alfalfa – Virgil Meier, Biotechnology Regulatory Serv., USDA-APHIS, Riverdale, MD

NOON BANQUET LUNCH (Beth Nelson, NAFA; John Bonner, CAST)

AFTERNOON BREAKOUT SESSIONS

Breakout Session I. Pest Management in Alfalfa
1:30 PM Alfalfa Weed Control: Present and Future Opportunities – Barry Tickes, Farm Advisor, University of Arizona, Yuma, AZ
1:50 Summer Annual Grass Control-What are the strategies? – Mick Canevari, Farm Advisor, UCCE, Stockton, CA
2:10 Poisonous Weeds and Impacts – Birgit Puschner, University of California Veterinary Diagnostic Lab, Davis, CA
2:30 Test your Pest IQ – Tulio Macedo, Farm Advisor, UCCE, Madera and Merced, CA
3:00 Break
3:30 Controlling Alfalfa Weevil and Aphids in Alfalfa – Larry Godfrey, Extension Specialist, University of California, Davis, CA
3:50 Alfalfa Nematodes: What can be done? – Becky Westerdahl, Extension Specialist, University of California, Davis, CA
4:10 Controlling the Worm Complex in Alfalfa – Eric Natwick, Farm Advisor, UCCE, Holtville, CA
4:30 IPM in Timothy and Cool-Season Grasses—Dominic Reisig, Research Associate, University of California, Davis, CA

5:00 Adjourn

Breakout Session II. Irrigation and Water Management, Manure, and Tillage
1:30 PM Water Management for Alfalfa Hay Production on Beds— Dean Currie, Imperial Irrigation District, El Centro, CA
1:50 Irrigation Scheduling Program for Alfalfa – Rick Snyder, Extension Specialist, University of California, Davis, CA
2:10 Salt Tolerance and Management in Alfalfa – Blake Sanden, Farm Advisor, UCCE, Bakersfield, CA
2:30 Potential Perched Water Contributions to Alfalfa ET – Jim Ayars, USDA-ARS, Parlier, CA
3:00 Break
3:30 Phosphorus Runoff Management for Alfalfa in Desert Regions – Khaled Bali, Farm Advisor, UCCE, Holtville, CA
3:50 Flood vs. Pivot Irrigation for Forage Crops – Paul Brown, Extension Biometeorologist, University of Arizona, Tucson, AZ
4:10 Conservation Tillage, Triple Cropping and Forage Production – Jeff Mitchell, Extension Tillage Specialist, UC Davis, CA
4:30 Recycling Lagoon Water using Forage Crops – Marsha Campbell-Mathews, Farm Advisor, UCCE, Modesto, CA

5:00 Adjourn

Breakout Session III. Producing Quality Alfalfa Seed
1:30 PM Stewardship Practices for Producing Alfalfa Seed Including GE Traits – Mike Moore, University of Wyoming, Powell, WY
1:50 Breeding Alfalfa for Resistance to Lygus – Larry Teuber, Alfalfa Geneticist, University of California, Davis, CA
2:10 Lygus Management and Pesticides in Alfalfa Seed – Eric Natwick, Farm Advisor, UCCE, Holtville, CA
2:30 Managing Other Insect Pests in Alfalfa Seed – Doug Walsh, Research Entomologist, Washington State Univ., Prosser, WA
3:00 Break
3:30 Weed Management in Alfalfa Seed – Rick Boyston, Weed Scientist, USDA-ARS, Prosser, WA
3:50 ARS & Logan Bee Lab Update – Rosalind James, Bee Biology and Systematics Laboratory, USDA-ARS, Logan, UT
4:10 Honey Bee Colony Collapse Disorder & Africanized Bees – Kirk Visscher, Professor, University of California, Riverside, CA
4:30 Leafcutting Bees and Chalkbrood Management – Rosalind James, Bee Biology Laboratory, USDA-ARS, Logan, UT
5:00 Adjourn

Breakout Session IV. Corn, Sorghum, Sudan and Tef as Forage Crops - Moderator: Marsha C. Mathews
1:30 PM Future Trends in Corn Genetics and Biotechnology – Bill Curran, Pioneer Hi-bred, Greeley, CO
1:50 Forage Sorghum and Silage Corn: Yield, Quality and Water – Brent Bean, Extension Agronomist, Texas A&M, Amarillo, TX
2:10 Sudanegrass Quality and Yeld Traits: What to Look For? – Juan Guerrero, Farm Advisor, UCCE, Holtville, CA
2:30 Tef as an Alternative Summer Forage – Don Miller, Director of Product Development, Producer’s Choice Seeds, Nampa, ID
3:00 Adjourn

5:00-6:00 PM Exhibitor’s Reception
5:30-7:00 PM Hay Grower’s Auction (organized by California Alfalfa & Forage Association)
7:00-10:00 PM National Alfalfa & Forage Alliance (NAFA) Board Meeting

Thursday, December 4, 2008 – MORNING SESSION
6:15 AM California Alfalfa & Forage Association (CAFA) Breakfast
7-10 AM Registration

Equipment Innovations, Water, and Biofuels
8:00 AM Introductions
8:10 Innovations in Forage Equipment – Dan Undersander, Extension Forage Specialist, University of Wisconsin, Madison, WI
8:35 An Analysis of Custom Harvesting Costs – Karen Klonsky, Extension Economist, University of California, Davis, CA
9:00 Alfalfa and Switchgrass as Cellulosic Biofuels – Dan Putnam, Extension Forage Specialist, Univ. of California, Davis, CA
9:25 Growing Crops for Biofuels: Water Resource Implications – Mike Ottman, Forage Specialist, Univ. of Arizona, Tucson, AZ
9:50 Discussion
10:00 Break

Water, Fertilizers, and Food Security
10:30 AM How Much Water does Alfalfa Really Need? – Blaine Hanson, Irrigation Specialist, University of California, Davis, CA
10:55 Rising Fertilizer Prices – A Global Perspective – Rob Mikkelsen, International Plant Nutrition Institute, Merced, CA
11:20 Maximizing Fertilizer Efficiency through Tissue Testing and Improved Application Methods – Steve Orloff, Farm Advisor, UCCE, Yreka, CA
11:45 Security of Food Production—What does the Future Hold? – Bryan McDonald, Center for Unconventional Security Affairs, UC Irvine, Irvine, CA
12:10 Discussion
12:30 ADJOURN MEETING

General Registration Form

| 2008 California Alfalfa & Forage Symposium and Western Alfalfa Seed Conference (one form per person) |
| Name | Company/Ranch |
| Address | County |
| City, State, Zip Code | |
| Phone | E-mail (important) |
| | Confirmation is by E-mail only. |
| |Pre-Symposium Tour $55.00 |
| |Early Registration (before 11/3/08) $150.00 |
| |Late Registration (received by 11/26/08) $190.00 |
| |Extra: Guest Banquet Lunch Ticket $30.00 |
| |Extra: Printed Copies of Proceedings @ $10.00 ea. (Proceedings on CD included with registration) |
| I am a ( ) Hay Grower, ( ) Hay Industry, ( ) Seed Grower, ( ) Seed Industry, ( ) Other (Check one) |
| Total Enclosed $_______________ (payable to “UC Regents”) |
| Paying with a check? Use this form. |
| | Note: All registration fees will be higher for on-site registration. |
| Mail your check, payable to “UC Regents,” to Angela Oates, Department of Plant Sciences, MS-4, UC Davis, One Shields Ave., Davis, CA 95616-8780. Registration information/questions, contact Karen Nephew by phone at 559-259-4907, or email to sznephew@plantsciences.ucdavis.edu. |