



# 2006 WESTERN ALFALFA & FORAGE CONFERENCE

**Reno, Nevada**

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**December 11-13, 2006**

Nevada Hay Production (photo: Willie Riggs)

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John Ascuaga's Nugget, Reno



Sponsored by the Cooperative  
 Extension Services of:  
 Arizona, California, Colorado, Idaho,  
 Montana, Nevada, New Mexico,  
 Oregon, Utah, Washington, and  
 Wyoming

PCA & CCA credits available.

### **Monday, December 11, 2006**

**Field Tour: 9:00 a.m. – 5:00 p.m.**

Visit the Top Gun facility (SS# required for security), special features of Nevada agriculture, water systems and tourist sites. Jay Davidson (NV), Chair.

### **Monday Night:**

6:00-8:00 p.m. Registration, Exhibitor Setup  
 7:00 p.m. Leadership Dinner— Hay Organizations from 11 states

**Tuesday, December 12, 2006**  
**General Session - DAY 1 (8:00 a.m. - Noon)**

### **Emerging Issues and Market Trends**

- 6:30 Registration
- 8:00 Introduction by Karen L. Hinton, Dean and Director, University of Nevada Cooperative Extension, Reno, NV
- 8:10 Emerging Forage Issues in the Northwestern States — Glenn Shewmaker, Forage Specialist, University of Idaho, Twin Falls, ID
- 8:35 Emerging Forage Issues in Southwestern States — Dan Putnam, Forage Specialist, University of California, Davis, CA
- 9:00 Trends in the Dairy Market — Bob Naerebout, Executive Director, Idaho Dairymen's Association, Twin Falls, ID
- 9:25 Trends in the Horse Market — Laurie Lawrence, Animal Science Professor, University of Kentucky, Lexington, KY
- 9:50 Discussion
- 10:00 BREAK

### **Water, Economics, and Profitability**

- 10:30 Hay Prices and Trends — Seth Hoyt, Statistician, National Agricultural Statistics Service, Sacramento, CA — Tim Woodward, Forage Specialist, University of Washington, Pasco, WA
- 10:55 Water Situation and the Future — Scott Matyac, Ag. Water Program Manager, CA Dept. Water Resources, Sacramento, CA
- 11:20 Keeping your Head above Water in the Hay Industry — Dick Shaeder, Red Rock Farms, MacDoel, CA — Richard Larsen, Larsen Farms, Dubois, ID
- Noon BANQUET LUNCH  
 Roy Smith, Cowboy Poet and Rancher, Montague, CA

### **BREAKOUT SESSIONS**

#### **1. Pest Management**

- 1:25 Toxic Weeds and Their Impacts — Birgit Puschner, Veterinary Toxicologist, University of California, Davis, CA
- 1:50 Using Roundup-Ready Alfalfa for Stand Establishment and Special Weed Issues — Mick Canevari, University of California Farm Advisor, Stockton, CA
- 2:15 Avoiding Weed Resistance and Weed Shifts in Roundup-Ready Alfalfa — Steve Orloff, University of California Farm Advisor, Yreka, CA
- 2:40 Controlling Weeds in Grass Hay or Alfalfa-grass Mixtures — Rob Wilson, University of California Farm Advisor, Susanville, CA
- 3:05 BREAK

**1. Pest Management (continued)**

- 3:30 Rodent Control Update  
—Gary Witmer, Wildlife Biologist, USDA-APHIS, Fort Collins, CO
- 3:55 Insect Pest Management in Alfalfa: Weevils, Aphids and Worms  
—Mike Rethwisch, University of California Farm Advisor, Blythe, CA
- 4:20 Managing the Major Alfalfa Diseases  
—Don Miller, Plant Breeder, Target Seed, Nampa, ID
- 4:45 Year-Round IPM in Alfalfa  
—Pete Goodell, IPM Specialist, University of California Kearney Agriculture Center, Parlier, CA
- 5:15 Adjourn

**2. Utilizing a Wide Range of Forage Crops**

- 1:25 Summer Annual Forages (Sudan, Pearl Millet, Sorghum-Sudangrass)  
—Tom Griggs, Forage Specialist, Utah State University, Logan, UT
- 1:50 Cool Season Perennial Grasses for Hay  
—Kevin Jensen, Forage Geneticist, USDA-ARS, Logan, UT
- 2:15 Warm Season Crops for Forage and Biomass  
—Steve Fransen, Forage Agronomist, Washington State University, Prosser, WA
- 2:40 Management of Small Grain Forages  
—George Fohner, Plant Breeder, Resource Seeds, Gilroy, CA
- 3:05 BREAK
- 3:30-5:15 (REPEAT 4 TALKS)

**3. Irrigation and Soils**

- 1:25 Potassium Management in Alfalfa  
—Rich Koenig, Soil Scientist, Washington State University, Pullman, WA
- 1:50 Specialty Fertilizers and Micronutrients, Do they Pay?  
—Denise McWilliams, Forage Specialist, New Mexico State University, Las Cruces, NM
- 2:15 Allocation Strategies in Water Short Years  
—Howard Neibling, Irrigation Specialist, University of Idaho, Twin Falls, ID
- 2:40 Management of Center Pivot Irrigation  
—Guy Fipps, Extension Engineer, Texas A & M University, College Station, TX
- 3:05 BREAK
- 3:30-5:15 (REPEAT 4 TALKS)

**5:00 - 7:00 p.m. Exhibitors Reception****5:30 p.m. Auction for Hay Growers' Groups**  
(Gale Harding, University of Idaho Cooperative Extension, Auctioneer)**Wednesday, December 13, 2006****6:15 a.m. CAFA Breakfast****General Session - DAY 2 (8:00 a.m. - Noon)****Future Trends with Alfalfa & Forages**

- 8:00 Biotech Traits in Alfalfa—What's Next?  
—Mark McCaslin, President, Forage Genetics Int'l., Minneapolis, MN
- 8:25 Energy Crops and Their Implications for Forages  
—Joe Bouton, Nobel Institute, Ardmore, OK
- 8:50 Future Trends in Alfalfa Establishment  
—John Kugler, Extension Agronomist, Washington State University, Ephrata, WA
- 9:15 Future Trends in Forage Quality Analysis  
—Dan Putnam, Forage Specialist, University of California, Davis, CA  
—Dan Undersander, Forage Specialist, University of Wisconsin, Madison, WI

**9:45 BREAK****Harvesting Technology and Quality**

- 10:20 Rate of Quality Change in Alfalfa  
—Neal Martin, Director, USDA-ARS Dairy Forage Center, Madison, WI
- 10:45 Cutting Schedule Strategies  
—Steve Orloff, University of California Farm Advisor, Yreka, CA  
—Dan Putnam, Extension Specialist, University of California, Davis, CA
- 11:10 The Impacts of Harvesting Methods on Forage Quality  
—Dan Undersander, Forage Specialist, University of Wisconsin, Madison, WI
- 11:35 Protecting Hay Quality during Storage  
—Juan Guerrero, University of California Farm Advisor, El Centro, CA

**Noon LUNCH (on your own)****Risk Management in Forage Production**

- 1:30 Overview of Risk Management: Production, Labor, Finances  
—Willie Riggs, University of Nevada Cooperative Extension, Winnemucca, NV
- 2:00 Purchasing Equipment and Calculating Custom Rates  
—Herb Hinman, Washington State University, Pullman, WA
- 2:30 One Cut Forage Systems for Drought and Energy Considerations  
—Steve Fransen, Washington State University, Prosser, WA  
—Tip Hudson, Washington State University, Prosser, WA
- 3:00 Estate Planning, Transfer of Ownership to a New Generation  
—Kynda Curtis, University of Nevada Cooperative Extension, Reno, NV
- 3:30 Discussion
- 4:00 Adjourn

## Program Committee:

- Coordinating Chair: Dan Putnam (CA)
- Program Co-Chairs: Glenn Shewmaker (ID)  
Steve Orloff (CA) and Dan Putnam (CA)
- Registration: Janice Corner (CA)
- On-Site Logistics: Willie Riggs (NV) and Rob Wilson (CA)
- Exhibits: Rob Wilson (CA) and Willie Riggs (NV)
- Proceedings: Craig Giannini (CA) and Michael Cheng (CA)
- Publicity: Janice Corner (CA) and Mylen Bohle (OR)
- Web Work: Michael Cheng (CA)
- Hay Auction: Mylen Bohle (OR) and John Kugler (WA)
- Educational Posters: Glenn Shewmaker (ID)
- PCA and CCA Credits: Rachael Long (CA)
- Auction, Awards & Prizes: Tomé Martin-Duvall (CA)
- Tour: Jay Davidson (NV)
- Audio-Visual: J. Schmierer (CA) and Craig Giannini (CA)

## Program Planning Representatives from Western States:

- Arizona: Mike Ottman and Barry Tickes
- California: Rob Wilson, Dan Putnam, Steve Orloff  
and CA Alfalfa Workgroup
- Colorado: Joe Brummer
- Idaho: Glenn Shewmaker, Howard Neibling  
and Ron Thaemert
- Montana: Dennis Cash
- Nevada: Willie Riggs and Jay Davidson
- New Mexico: Denise McWilliams
- Oregon: Mylen Bohle and Dave Hannaway
- Utah: Tom Griggs
- Washington: Steve Fransen, Tim Woodward  
and John Kugler
- Wyoming: Alan Gray

**2 ways to REGISTER:**

- ONLINE registration at: <http://alfalfa.ucdavis.edu>
- MAIL registration form with check, made payable to "UC Regents," to:

Janice E. Corner, Agronomy Research & Information Ctr.  
Department of Plant Sciences, MS 4  
University of California  
Davis, California 95616-8780

Phone: 530-752-7091 FAX: 530-752-4604

Note: registration is only completed when payment is received.

**Register on-line with credit card at**

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Please complete one form per person attending. Please print clearly or type the following information:

Name: \_\_\_\_\_

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E-mail (important) \_\_\_\_\_

Confirmation by E-mail only.

Pre-Symposium Tour \$40 \_\_\_\_\_  
(includes lunch)

Pre-Registration \$120 \_\_\_\_\_  
(before November 20, 2006)  
*Includes admission for both days, Proceedings,  
banquet lunch.*

Late Registration \$160 \_\_\_\_\_  
(after November 20, 2006 or walk-up)

Registration Single Day Only (12/12) \$90 \_\_\_\_\_

Registration Single Day Only (12/13) \$75 \_\_\_\_\_

Guest Banquet Lunch Ticket \$27 \_\_\_\_\_  
(Tuesday, 12/12/06 only)

Additional Copy of Proceedings \$12 ea. \_\_\_\_\_  
(one included with registration)

Yes, I'd like to attend the CAFA breakfast,  
December 13, 6:15 a.m. (no cost)

**Total Enclosed** \$ \_\_\_\_\_

(Make check out to "UC Regents," U.S. Dollars only.)  
Registration final only with receipt of payment.