

UC Davis Dry Bean Field Meeting

Thursday, August 20, 2015, 10 am- Noon

UC Davis Agronomy Farm

Directions to farm: Take Hutchison Dr. approximately 1.5 miles west from Hwy 113, in Davis. Turn south on Hopkins Lane, and then take the first left turn (heading east) onto a gravel/broken pavement road with a row of olive trees; park along the fence. The field is located north of the Bee Biology Center. **1 CE Hour (DPR) offered.**

Agenda

- 10:00–10:10 Sign in, Introductions, Updates, Antonia Palkovic
- 10:10-10:30 Dry bean breeding program, Pest, Disease, and Drought Resistance: Paul Gepts
(Including a Garbanzo update: New lines for release with improved yield and seed size, continued crossing program, Manisha Thapa and Paul Gepts)
- 10:30-10:50 Sources of Drought Tolerance from Wild Parents, and New Breeding Selections, and the Cooperative Dry Bean Nursery, Jorge Berny
- 10:50–11:00 Heirloom Variety Dry Bean Update: Crossing for Disease Resistance and Improved Growth Habit, Travis Parker
- 11:00–11:10 Lima bean breeding update: Lygus resistance, Sarah Dohle
- 11:10-11:20 Lima bean Integrated Pest Management, Rachael Long
- 11:30–12:00 Discussion

Thanks to our generous Field Day and Bean Research sponsors:

UC Davis Plant Sciences
UC ANR
USDA: NIFA AFRI Plant Breeding
California Dry Bean Advisory Board (Lima Bean Council)
CONACYT, UCMEXUS
USAID, RIFA
California Crop Improvement Association
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WESTERN ALFALFA & FORAGE SYMPOSIUM

Producing Forages in a Water Challenged World

DECEMBER 2-4, 2015

SILVER LEGACY RESORT CASINO, RENO, NV

calhay.org/symposium/

Reduced Rate Early Bird Registration Through Sept. 15!!

EXHIBITOR & SPONSORSHIP OPPORTUNITIES ARE AVAILABLE

Now in its 45th year, the Symposium is a comprehensive and educational program for anyone with an interest in important issues related to alfalfa and forages.

Day One—Dec. 2 (8am-5pm)

• **Irrigation Management Workshop**

Detailed alfalfa irrigation management training for practitioners. The program will include an overview of water management and why it's important; principles of soil-water relations; practical steps to management of irrigation using different tools including ET measurements; soil moisture data; other types of data; management of sprinkler, flood and drip irrigation; and irrigating alfalfa during drought periods.

• **Welcome Reception with Exhibitors**

Day Two—Dec. 3 (8am-5pm)

• **Symposium Session**

- **Economics & Marketing:** Including presentations on Alfalfa Hay Market Trends; Dairy Trends As They Affect Hay and Feed Prices; Dairy and Hay Exports
- **Water and Irrigation:** Including presentations on Food Production in a Water Stressed World; Realities of Groundwater Extraction and Management; Impacts of Climate Change on Surface Water Supplies

• **Symposium Banquet Lunch with Speaker**

• **Symposium Breakout Sessions**

- **Pest Management:** Including presentations on Weed Management in Grasses; Recent Developments in Alfalfa Weed Control; Poisonous Weeds; Management of Pocket Gophers and Voles; Aphid Control in Alfalfa; IPM Approaches for Alfalfa; Clover Root Curculio and Alfalfa Stem Nematode; Strategies for Managing Foliar and Root Rot Diseases in Alfalfa
- **Alternative Forage Crops:** Including presentations on Soybeans, an Alternative Hay Crop to Reduce Nitrogen and Harvest Costs; Cover Crops for Soil Health and Grazing; Annual Forages, A Tool in Managing Limited Water Resources; Sorghum, Sorghum Sudangrass as Alternatives; Teff Grass; Nitrogen Management in Timothy; Alfalfa Rotational Benefits.

• **Exhibitor Reception and CAFA Auction**

Day Three—Dec. 4 (8am-Noon)

• **Symposium Session**

- **Forage Quality and Utilization:** Including presentations on Producing High Quality Hay for Horses; Forage Quality and Utilization, Total Track Digestibility; Forage Quality, How Much Does it Pay?; Sampling Protocols for Double Compressed Hay and Detection of a GMO Trait
- **Hay Harvesting/Hay Management:** Including presentations on Costs of Owning/Operating Harvest Equipment; Influence of Harvesting Techniques on Quality and Yield; Relative Humidity Measurements and Harvesting; Hay Preservation/Storage Losses

**FOR A COMPLETE SCHEDULE OF EVENTS, EXHIBITOR/SPONSORSHIP INFORMATION,
AND SYMPOSIUM REGISTRATION, VISIT OUR WEBSITE calhay.org/symposium/**

Hosted by the California Alfalfa & Forage Association

Contact us at (916)441-0635 or jane@agamsi.com