

2017 California Dried Plum Research Conference and UC Workgroup Meeting

Hosted by the California Dried Plum Board – Donn Zea Executive Director and Gary Obenauf, Research Director

Wednesday, December 13, 2017, 9:30 am to 5:00 pm and

Thursday, December 14, 2017, 9:00 am to 12:30 pm.

Meeting Location: California Farm Bureau office (same as last year). The California Farm Bureau office is located at 2300 River Plaza Drive Sacramento Calif. 95833. Take I-5 to the Garden Highway exit. After exiting I-5 take Garden Highway west to the stoplight at Gateway Oaks Drive. Right on Gateway, then first left to River Plaza Drive.

Hotel Location and Reservations: Hilton Garden Inn Sacramento South Natomas, 2540 Venture Oaks Way Sacramento, Calif. 95833 (916) 568 5400. The Hilton Garden Inn offers complimentary van shuttle service to the Sacramento Intl airport from 5am to 11pm and includes a full "Cook to Order" breakfast. **If you need lodging for December 12 and 13th please see e-mail from Luke Milliron lmilliron@ucanr.edu.** Rooms blocked by Becky Poland at the CDPB (916-565-6232) will be released to the public on **Tuesday, November 28th**.

If you plan to attend, please RSVP by Friday 12/8/17 to Richard Buchner rbuchner@ucanr.edu and Luke Milliron lmilliron@ucanr.edu so we get 1) an accurate lunch count and 2) an accurate dinner count.

Agenda for Wednesday 12/13/17 Day One:

Introduction

9:30 – 9:35 Introduction to the 2017 Prune Research Conference and Workgroup. Richard P. Buchner, UCCE Farm Advisor Emeritus and Luke Milliron, UCCE Farm Advisor Butte, Glenn and Tehama counties.

9:35 – 9:50 California Dried Plum Board Welcome and Introductory Comments . Donn Zea, Executive Director California Dried Plum Board.

Bloom Management Research

9:50 – 10:10 Managing Heat at Bloom (08 CPB 2). Dr. Franz Niederholzer, UCCE Farm Advisor Sutter, Yuba and Colusa Counties.

10:10 – 10:30 Cover crops to manage heat at bloom. Dr. Dani Lightle, UCCE Farm Advisor Glenn, Butte and Tehama Counties.

10:30 – 10:50 Prune bloom management: Chemical thinning report and discussion. Dr. Franz Niederholzer UCCE Farm Advisor Sutter, Yuba and Colusa Counties.

10:50 – 11:00 Break

11:00 – 11:30 Nutrient management tools for Prune (14CPB2). Dr. Patrick Brown, Professor Plant Sciences UC Davis.

11:30 – 12:00 Life cycle assessment: A tool for quantifying the environmental impacts of fresh and dried plum production. Elias Marvinney, graduate project supervised by Dr. Alissa Kendall Civil and Environmental Engineering UCD.

12:00 – 1:00 Lunch -compliments of the California Dried Plum Board. Lunch presentation, California Dried Plum Research Reports Database (10 CPB 2) and Tree Crop Intern Program Update (12 CPB 2). Dr. Carlos Crisosto and Julie Jacquemin, Fruit and Nut Research and Information Center, UCD.

Disease Management and the Prune Orchard of the Future

1:00 – 1:30 Epidemiology and Management of Brown Rot and Rust of Prune. Development of an Integrated Program with New Fungicides and Optimal Timing (07 CPB 6). Dr. Jim Adaskaveg, Professor Plant Pathology UC Riverside.

1:30 – 1:50 Bacterial Canker Management. Dr. Franz Niederholzer, UCCE Farm Advisor Sutter, Yuba and Colusa Counties.

1:50 – 2:20 Diagnosis, Epidemiology and management of Canker Diseases in Dried Plums (13 CPB 2). Dr. Themis Michailides, Plant Pathology UC Kearney Ag Center Parlier.

2:20 – 2:50 Investigating Incidence and Type of Wood Decay Fungi in California Prune Orchards (15 CPB 2). Bob Johnson, graduate project supervised by Dr. Dave Rizzo Plant Pathology UCD.

2:50 – 3:00 Break

3:00 – 3:30 Field Evaluation of Prune Rootstocks (09 CPB 2). Richard P. Buchner, UCCE Farm Advisor Tehama, Glenn and Butte counties.

3:30 – 4:30 The future of California Prune Orchards: Wood diseases and rootstocks and orchard design. Round table discussion including Michailides, Johnson, Adaskaveg, prune Farm Advisors and Industry.

4:30 – 4:45 Discussion regarding 2018 Workgroup Chair and Conference Organizer as well as Conversions of the Prune Manual and IPFP binder

4:45 – 5:00 Discussion regarding the 2018 Field Research Tour in Northern California. Richard P. Buchner, UCCE Farm Advisor Tehama, Glenn and Butte counties.

5:00 Adjourn for dinner at the Hilton Garden Inn compliments of the California Dried Plum Board.

Agenda for Thursday 12/14/17 Day Two:

Crop Improvement and Breeding

9:00-10:00 Molecular characterization of worldwide plum germplasm using sequence-based genotyping. Animal feeding study of genetically engineered 'HoneySweet' plum reveals safety of RNAi technology. Genetic basis for fruit tree architecture and exploring the potential for novel plum growing systems. Dr. Chris Dardick, USDA ARS, Appalachian Fruit Research Station.

10:00 – 11:00 Prune Cultivar Evaluation and Development. Sara Castro and Dr. Ted DeJong, Plant Sciences UC Davis.

11:00 – 12:00 Prune tasting and evaluation. Sara Castro and Dr. Ted DeJong, Plant Sciences UC Davis.

12:00 - 12:30 Wrap up and Adjourn. Lunch on your own.