THE ALMOND CONFERENCE

DECEMBER 3–5, 2013 • SACRAMENTO, CA

EXHIBIT HALL HOURS:

Wednesday, December 4:
9:30 a.m.—5:30 p.m.
Thursday, December 5:
8:00 a.m.—5:00 p.m.

Tweet using #AlmondConf
to share your thoughts
and lessons learned.

Almond Board of California
Dear Almond Community Members and Stakeholders,

Welcome! The Almond Board of California Directors and staff are very pleased that you are attending the 41st Almond Conference. We hope that you will avail yourselves of as much learning as possible over the 2½ days of presentations and discussions. As has become our tradition, we pack as much valuable information into the agenda as possible, so be sure to study the program and select the topics that will be most relevant to you. And have fun!

The Almond Conference affords our community the opportunity to get together and “break bread” once a year. With the constant developments and challenges in the growing and marketing of our almond crop, it is important that we set aside one time during the year when we can stop, listen and learn. The Almond Conference is that unique opportunity when growers, handlers, PCAs, crop input providers, regulators and customers can gather to take stock of our latest achievements and evaluate our upcoming opportunities.

The Almond Conference is also a time for family and friends. We are a family industry, and despite the growth we have experienced, we continue to treasure the familiarity that we have always enjoyed. So, over the course of the conference, be sure to take time to talk with as many friends and acquaintances as you can in the hallways, over coffee or while sharing a meal.

In addition to the many presentations on myriad topics, the exhibit floor beckons! New this year is a short-subject classroom, which will feature brief presentations given by subject-matter experts. Also new for 2013 is the location of the Marketing Around the World demonstrations, which will be held in and around the Almond Board of California booth, located right in the middle of the exhibition hall.

Last but not least is the gala dinner, which is always a great way to cap off the conference before everyone heads home. This year features a comedy trio! Juston McKinney, Mark Eddie and Tom Cotter will have us in stitches as they each serve up their unique style of humor. Be sure to reserve your seat by signing up at the conference registration area.

I wish you a great conference as the almond community gathers to greet one another and as we dedicate our efforts toward taking the California Almond business to new levels of success.

Warm regards,

Richard Waycott
President & CEO

BASF is proud to be a sponsor of the Annual Almond Industry Conference.

We’re also proud to offer innovative products for almond growers, including Altrevin® fire ant bait insecticide, which features the fastest speed of kill in the Specialty crop industry as well as Treevix® herbicide, a tree-safe, postemergent solution for controlling tough broadleaf weeds. Call your BASF Authorized Retailer or visit Healthy-Yields.basf.us to find out more.

Be on the lookout for a new fungicide from BASF for your almonds.
REMEMBER WHEN...

You were graduating from high school and felt daunted by the idea of paying for college?

Now is your chance to make a difference in a graduating senior’s life. Visit The Almond Conference’s silent auction for a chance to win specialty gifts ranging from toy tractors to sample herbicides to work boots to hunting gear to destination vacations and everything in between!

100% of the proceeds from the silent auction will be donated to the California FFA Association and used for scholarships.

Be sure to visit the auction in Hall A + B both Wednesday and Thursday to bid on unique items.

The auction will close at 4:00 p.m. on both Wednesday and Thursday, so be sure to stop by to see if you won and complete your payment.
DAY 1: TUESDAY, DECEMBER 3
AGENDA

12:00 P.M.
REGISTRATION OPENS
East Lobby, 3rd Floor

1:00–2:30 P.M.
Nitrogen Management and Budgeting
Room 308–313
Moderator: Gabriele Ludwig (ABC)
Speakers: Patrick Brown (UC Davis), Sebastian Saa Silva (UC Davis)
CCA Units: 1.0 Nitrogen Management
DPR Units: 0.5 Other

1:00–2:30 P.M.
Healthcare Reform... Now What?
Room 306–307
Speaker: Michelle Montoya (Frisco Insurance)

2:45–4:00 P.M.
Irrigation Strategies for Drought Management
Room 306–307
Moderator: Bob Curtis (ABC)
Speakers: Patrick Brown (UC Davis), David Doll (UCCE-Merced County), Allan Fulton (UCCE-Tehama County), Blake Sanden (UCCE-Kern County), Bruce Lampinen (UC Davis)
CCA Units: 0.5 Soil and Water Management, 1.0 Crop Management
DPR Units: 0.5 Other

2:45–4:00 P.M.
Rules and Regs: Dotting the I’s and Crossing the T’s
Room 306–307
Moderator: Gabriele Ludwig (ABC)
CCA Units: 0.5 Integrated Pest Management
DPR Units: 1.0 Laws and Regulations

4:30–6:30 P.M.
What Will Ag Look Like Tomorrow?
Room 308–313
Moderator: Richard Waycott (ABC)

5:30–7:00 P.M.
OPENING RECEPTION
Sponsored by BASF
East Lobby, 3rd Floor
Schedule and Continuing Education Credits subject to change.

WORKSHOP SESSION OVERVIEW

DECEMBER 3 : DAY 1 AGENDA + OVERVIEW

1:00–2:30 P.M.
Nitrogen Management and Budgeting
Room 308–313
Moderator: Gabriele Ludwig (ABC)
Speakers: Patrick Brown (UC Davis), Sebastian Saa Silva (UC Davis)
CCA Units: 1.0 Nitrogen Management
DPR Units: 0.5 Other
The new in-season nitrogen budget model is a “win” on all counts: improved yields, reduced input costs, and less potential for offsite movement into ground and surface water. This workshop will cover how to implement this updated in-season nutrient budget model based on information from recent Almond Board and USDA-funded research. It is also an opportunity to learn about some of the requirements of the Irrigated Lands Regulatory Program.

Healthcare Reform... Now What?
Room 306–307
Speaker: Michelle Montoya (Frisco Insurance)

2:45–4:00 P.M.
High Speed Rail: There Is a Train Coming
Room 314
Moderator: Julie Adams (ABC)
CCA Units: 0.5 Professional Development

4:30–6:30 P.M.
What Will Ag Look Like Tomorrow?
Room 308–313
Moderator: Bob Curtis (ABC)
Speakers: Ken Shackel (UC Davis), David Doll (UCCE-Merced County), Allan Fulton (UCCE-Tehama County), Blake Sanden (UCCE-Kern County), Bruce Lampinen (UC Davis)
CCA Units: 0.5 Soil and Water Management, 1.0 Crop Management
DPR Units: 0.5 Other
The project is not without controversy, as lawsuits aimed at halting the project await final decision. The panel will discuss the status of the HSR project as well as plans for additional segments of the rail. Completion of the Central Valley portion is expected by 2017.

RESTAURANT DISCOUNTS

Many Sacramento restaurants are offering discounts to The Almond Conference attendees. A list of all restaurants offering “Show Your Badge” discounts can be found in your conference bag.

ALMOND BOARD OF CALIFORNIA
BOOTH #623

A lot will be happening at the ABC Booth this year, so be sure to stop by to learn more about:

INDUSTRY PROGRAMS & RESOURCES: Receive information on the California Almond Sustainability Program (CASP) and Almond Leadership Program. You will also be able to pick up your copy of the Research Update (i.e., the Proceedings), a Guide to California Almonds poster and other important industry resources.

MARKETING AROUND THE WORLD: ABC Regional Marketing Representatives will be available during all dedicated trade show times to provide you an overview of what ABC is doing to drive global demand for California Almonds in key almond snacking markets—North America, Europe, India, China and South Korea. Also, our food professional team will be on hand to share exciting news about the use of almonds in global chocolate.

SHOP: Come by to see what new California Almond apparel we have this year for purchase. We’ll also be selling our trendy, on-the-go almond snack tins (almonds not included) at a discounted price and The Almond Story DVD.

DECEMBER 3 : DAY 1 AGENDA + OVERVIEW
DAY 2: WEDNESDAY, DECEMBER 4
CROP OF CHOICE AGENDA

7:00 A.M.
REGISTRATION OPENS
East Lobby, 3rd Floor

8:30–9:30 A.M.
Driving Global Demand for California Almonds
Room 308–313
Moderator: John Talbot (ABC)
Speakers: John Talbot (ABC), Buddy Ketchner (Sterling-Rice Group),
Aaron Lau (Chiel Greater China)
CCA Units: 1.0 Professional Development

10:00–10:30 A.M.
METAL SPONSOR PRESENTATION
Syngenta
Enhancing Bee Health
Almond Stage, Hall A + B

11:30 A.M.
Luncheon – Water: Are We Still at the Wishing Well?
Sponsored by Yosemite Farm Credit
Hall C
Moderator: Richard Waycott (ABC)
CCA Units: 1.0 Soil and Water Management
Schedule and Continuing Education Credits subject to change.

12:00–1:15 P.M.
Luncheon – Water: Are We Still at the Wishing Well?
Sponsored by Yosemite Farm Credit
Hall C
Moderator: Richard Waycott (ABC)
CCA Units: 1.0 Soil and Water Management

Come visit the almond industry trade show in Hall A + B 9:30 a.m.–5:30 p.m.

DAY 2: WEDNESDAY, DECEMBER 4
NUT OF CHOICE AGENDA

7:00 A.M.
REGISTRATION OPENS
East Lobby, 3rd Floor

8:30–9:30 A.M.
Driving Global Demand for California Almonds
Room 308–313
Moderator: John Talbot (ABC)
Speakers: John Talbot (ABC), Buddy Ketchner (Sterling-Rice Group),
Aaron Lau (Chiel Greater China)
CCA Units: 1.0 Professional Development

11:00 A.M.
Luncheon – Water: Are We Still at the Wishing Well?
Sponsored by Yosemite Farm Credit
Hall C
Moderator: Richard Waycott (ABC)
CCA Units: 1.0 Soil and Water Management

Come visit the almond industry trade show in Hall A + B 9:30 a.m.–5:30 p.m.

Credits subject to change.
Schedule and Continuing Education Credits subject to change.

Be sure to visit the Almond Board booth #623 to pick up the latest industry resources and learn where California Almonds are making the biggest impact around the globe.
Day 2: Wednesday, December 4
Overview

Driving Global Demand for California Almonds
Room 308-313
8:30-9:30 A.M.
Moderator: John Talbot (ABC)
Speakers: John Talbot (ABC), Buddy Ketchum (Sterling-Rice Group), Aaron Lau (Chai Greater China)
CCA Units: 1.0 Professional Development
Building consumer demand in the global marketplace has become increasingly difficult in our ever-changing world. Consumers are bombarded with new products claiming all kinds of different benefits, product loyalty is waning and speed of light social media can change perceptions overnight. Yet we continue to see the demand for California Almonds grow. The fundamental reason for this is that consumers continue to derive greater and greater value from almonds and products containing almonds. In this kick-off symposium we will share with you the Almond Board of California’s long-term strategic approach to building demand across markets, categories and target consumers. We will explore the importance of creating a powerful consumer value proposition and review some of our current efforts to make this happen.

Luncheon – Water: Are We Still at the Wishing Well?
Hall C
12:00-1:15 P.M.
Sponsored by Rosemont Farm Credit
Moderator: Richard Waycott (ABC)
CCA Units: 1.0 Soil and Water Management
Representatives from state government leadership will provide an overview of most likely scenarios that will most likely result in a long-term solution for water storage and conveyance in California.
This amazingly complex challenge has many wonders if there will ever be a solution that will accommodate most Californian’s needs. Over lunch, you will hear about the latest proposals and tactics that may provide a way forward for this decades old, seemingly intractable problem.

Crop of Choice Overview

Food Safety and FSMA: Leveraging Our Almond Industry Practices
Room 328-313
10:35-11:40 A.M.
Moderator: Tim Birmingham (ABC)
CCA Units: 1.0 Professional Development
Food safety regulations in the U.S. are undergoing their biggest revision in decades. The Food Safety Modernization Act (FSMA) rules are presenting challenges across the agriculture supply chain, from growers to shippers. This symposium will explore how the almond industry is “ahead of the curve” as a result of proactive adoption of education and risk-management procedures and what FSMA may mean in terms of additional requirements.

Research Updates: Speed Dating
Room 308-313
2:00-3:30 P.M.
Moderator: Bob Curtis (ABC)
Continuing Education Credits, CCA and DPR will be finalized at the event.
For more than 40 years, the Almond Board of California’s research programs have advanced yield, quality and environmental stewardship, contributing to the growth and success of the industry. Almond Board funded researchers have helped to identify areas of opportunity and success through all parts of the growing cycle. Be sure to attend this speed-dating format of six-minute updates by researchers, offering insight into a number of ongoing projects. Researchers will also be available at poster sessions during the social hour following their presentations, giving conference attendees a chance to ask follow-up questions.

Speakers and Research Topics:
Almond Culture & Orchard Management, Roger Duncan; UCCE-Sutter County
Integration of Tree Spacing, Pruning & Rootstock, Roger Duncan, UCCE-Sutter County
Field Evaluation of Rootstocks, Roger Duncan, UCCE-Sutter County
Rootstock Disease Resistance & Breeding, Dan Kuepfer, USDA-ARS, Davis, CA
Improved Strategies Replant Management, Greg Brownie, USDA-ARS, Davis, CA
Almond Soil Fumigation and Alternatives Studies, David Doll, UCCE-Merced County
TIFF Tarps for Fumigation: Minimize Emissions and Improve Efficacy, Sudjan Gao, USDA-ARS, Parlier, CA
Almond Variety Development, Rootstock Germplasm and Blightfiled Studies, Tim Griswold, UC Davis

Almond Variety Evaluation, Bruce Lampkin, UC Davis
Mechanical Hedging Mature Orards and Mobile Platform to Measure Canopy and Water Stress, Bruce Lampkin, UC Davis
Wireless Irrigation Network, Mike Delwiche, UC Davis
Projected Costs and Savings from Precision Water Management, Kevin Verkerk, UC Davis
BMPs for Nitrogen and Ground Water: Optimizing Use of Ground Water, Niall Dlott, UC Davis
Remote Sensing Mapping of Almonds, Joel Kimmelshue, Land IQ
Almond Deep Forecasing Research, Neil Witts, USDA-ARS, Sacramento

Sustainability and Almonds: Where Are We?
Room 308-313
3:40-4:00 P.M.
Speakers: Gabrielle Ludwig and Tim Birmingham (ABC), Jeff Ditt (SureHarvest, Inc.)
CCA Units: 0.5 Soil and Water Management, 0.5 Nutrient Management
This symposium will take a deep look into a number of ongoing projects. Researchers will also be available at poster sessions during the social hour following their presentations, giving conference attendees a chance to ask follow-up questions.

Field Quality: Stockpile Management and Concealed Damage
Room 308-313
5:30-6:30 P.M.
Moderator: Bob Curtis (ABC)
Speakers: Bruce Lampkin (UC Davis), Frank Niedersteter (UCCE-Sutter, Yuba, Colusa Counties)
CCA Units: 1.0 Crop Management
Field Quality starts in the field, and maintaining quality continues into and through processing and ultimately to the consumer. This symposium provides tools to ensure field quality, including updated guidelines based on completed studies addressing stockpile management, coping with harvest rains and ongoing ABC-funded research providing new insights on managing concealed damage.

Nut of Choice Overview

Growth by Leveraging Consumer Insights
Room 308-313
10:35-11:40 A.M.
Moderator: Stacey Humble (ABC)
Speaker: Buddy Ketchum (Sterling-Rice Group)
CCA Units: 1.0 Professional Development
To motivate increased consumption from target audience, understanding consumer attitudes is a must for companies in today’s marketplace. This symposium will take a deep look at the Almond Board of California’s global market research program and how we use information gained to form consumer insights to build strong marketing strategies. We will review the diverse almond consumer and cultural differences in key markets.

Protecting Our Reputation in a Changing World
Room 308-307
2:00-3:30 P.M.
Moderator: John Talbot (ABC)
CCA Units: 0.5 Professional Development
New communications platforms in the past few years have shifted the news cycle from overnight to a matter of minutes. With news traveling quickly around the world and through the court of public opinion, good reputation management has become all the more important and all the more complicated for businesses and organizations.

Social media eliminates borders and makes it much harder to manage communication issues and when anyone with a social media account might be considered a credible source, even small issues can turn into big problems. What is the role of the industry in managing a situation like this? What resources do we have to confront these challenges?

This symposium will address these questions and provide insight into business best practices and suggestions for crisis protocols.

Sponsor Presentation
Not All Fungicides are Created Equal: Introducing Merivon® Fungicide for almonds, a next-generation product that delivers longer lasting disease protection at all bloom and throughout the season.

Almond Stage Presentations

Enhancing Bee Health
Almond Stage, Hall A + B
10:10-10:30 A.M.
The health of bees and their role as pollinators is important as agriculture continues to increase crop productivity and feed a growing population. To do this, agriculture depends on biodiversity and thriving pollinators.

Meter Aggregation: A Game-Changer for Agriculture
Almond Stage, Hall A + B
1:25-1:55 P.M.
Speaker: Rich Borba (JKB Energy)
For nearly a decade, the agriculture industry has fought to allow the combining of multiple electric meters for on-site solar generation. Passage of SB-594 will allow meter aggregation beginning in 2014. Our discussion will teach you how you can profit from this major victory for agriculture! Also we will review new laws and regulations affecting agriculture in 2014.
Specializing in containerized rootstock and finished trees for the commercial grower

Currently offering Walnut, Almond, Pistachio and Stone Fruit trees in addition to our Olive tree program. Available inventory for 2014/2015 growing seasons.

For inquiries or to order please contact Ken Noren
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Currently offering Walnut, Almond, Pistachio and Stone Fruit trees in addition to our Olive tree program. Available inventory for 2014/2015 growing seasons.

Specializing in containerized rootstock and finished trees for the commercial grower.

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DECEMBER 5, DAY 3: AGENDA + OVERVIEW
DAY 3: THURSDAY, DECEMBER 5
CROP OF CHOICE AGENDA

7:00 A.M.
Registration Opens
East Lobby, 3rd Floor

7:30–8:30 A.M.
Continental Breakfast
Hall A + B

8:00 A.M.
Trade Show Open
Hall A + B

8:30–9:00 A.M.
Metal Sponsor Presentation
Syngenta

9:05–10:30 A.M.
Honey Bees and Pollination: Looking at the Bigger Picture
Room 308–313
Moderator: Christi Heinze (Project Apis m.)
Speakers: Neal Williams (UC Davis), Gordon Wardell (Paramount Farming Co.)
CCA Units: 1.0 Crop Management
DPR Units: 0.5 Other

10:30–11:45 A.M.
Pest Management Update:
Insect, Disease and Weeds
Room 308–313
Moderator: Bob Curtis (ABC)
Speakers: David Haviland (UCCE-Kern County), Brad Hanson (UC Davis), Thamas Michakits (UC Davis) at Kearney Agricultural Center, Jim Adaskin (UC Riverside)
CCA Units: 1.0 Integrated Pest Management
DPR Units: 0.5 Laws and Regulations, 1.0 Other

12:00–1:20 P.M.
Lunch Breakout Workshops
Box lunches will be provided (in the East Lobby, 3rd Floor)
Sponsored by Farm Credit Alliance

WORKSHOP 1
Nitrogen Management and Budgeting
Room 306–313
Moderator: Gabriel Ludwig (ABC)
CCA Units: 0.5 Nutrient Management
DPR Units: 0.5 Other

WORKSHOP 2
Economic Update: Financial Modeling Workshop
Hall C
Moderator: Richard Waycott (ABC)
CCA Units: 1.25 Professional Development

WORKSHOP 3
Irrigation Strategies for Drought Management
Room 306–307
Moderator: Bob Curtis (ABC)
Speakers: Ken Shackell (UC Davis), David Dell (UCCE-Merced County), Allan Fulton (UCOE-Tahama County), Blake Sanden (UCOE-Kern County), Bruce Lampinen (UC Davis)
CCA Units: 0.5 Soil and Water Management
DPR Units: 0.5 Other

WORKSHOP 4
EU Pre-Export Checks: Moving Beyond VASP
Room 314
Moderator: Caroline Stringer (ABC)

1:30–2:00 P.M.
Almond Leadership Program
Special Projects
Almond Stage, Hall A + B
Moderator: Kendall Barton (ABC)
CCA Units: 0.5 Professional Development

1:45–2:50 P.M.
Research Updates: Speed Dating
Room 308–313
Moderator: Gabriel Ludwig (ABC)

3:00–4:30 P.M.
Research Poster Session
Hall A + B
Featured Topics: Insect and Mite, Disease, and Weed Management, Pollination and Honey Bee Health; Almond Quality and Food Safety; Nutrition; Almond Leadership Program
CCA Units: 0.5 Other

3:30–5:00 P.M.
The Dynamic Duo
Almonds and Chocolate: The Dynamic Duo
Room 306–307
Moderator: Hildegarde Heymann (UC Davis), Alyson Mitchell (UC Davis), Karen Lapsley, Peggy Yaffe (ABC)
CCA Units: 0.75 Professional Development

5:00–6:00 P.M.
Free Hour

8:00 P.M.
Almond Stage, Hall A + B

8:30–9:00 A.M.
Metal Sponsor Presentation
Syngenta

10:30–12:00 P.M.
Dedicated Trade Show Time
Hall A + B

Be sure to visit the almond industry trade show in Hall A + B, 8:00 a.m.–5:00 p.m.

Come visit the almond industry trade show in Hall A + B, 8:00 a.m.–5:00 p.m.

DAY 3: THURSDAY, DECEMBER 5
NUT OF CHOICE AGENDA

7:00 A.M.
Registration Opens
East Lobby, 3rd Floor

7:30–8:30 A.M.
Continental Breakfast
Hall A + B

8:00 A.M.
Trade Show Open
Hall A + B

8:30–9:00 A.M.
Metal Sponsor Presentation
Syngenta

9:05–10:30 A.M.
Regulations, 1.0 Other
Pest Management
CCA Units: 1.0 Integrated Pest Management

10:30–11:45 A.M.
Water Management
Room 308–313
Moderator: Bob Curtis (ABC)
Speakers: Patrick Brown (UC Davis), Sebastian Saa Silva (UC Davis), Bruce Lampinen (UC Davis)
CCA Units: 0.5 Nutrient Management
DPR Units: 0.5 Other

12:00–1:20 P.M.
Lunch Breakout Workshops
Box lunches will be provided (in the East Lobby, 3rd Floor)
Sponsored by Farm Credit Alliance

WORKSHOP 1
Nitrogen Management and Budgeting
Room 306–313
Moderator: Gabriel Ludwig (ABC)
CCA Units: 0.5 Nutrient Management
DPR Units: 0.5 Other

WORKSHOP 2
Economic Update: Financial Modeling Workshop
Hall C
Moderator: Richard Waycott (ABC)
CCA Units: 1.25 Professional Development

WORKSHOP 3
Irrigation Strategies for Drought Management
Room 306–307
Moderator: Bob Curtis (ABC)
Speakers: Ken Shackell (UC Davis), David Dell (UCCE-Merced County), Allan Fulton (UCOE-Tahama County), Blake Sanden (UCOE-Kern County), Bruce Lampinen (UC Davis)
CCA Units: 0.5 Soil and Water Management
DPR Units: 0.5 Other

WORKSHOP 4
EU Pre-Export Checks: Moving Beyond VASP
Room 314
Moderator: Caroline Stringer (ABC)

1:30–2:00 P.M.
Almond Leadership Program
Special Projects
Almond Stage, Hall A + B
Moderator: Kendall Barton (ABC)
CCA Units: 0.5 Professional Development

1:45–2:50 P.M.
Almonds and Chocolate: The Dynamic Duo
Room 306–307
Moderator: Karen Lapsley (ABC)
CCA Units: 0.5 Professional Development

3:00–4:30 P.M.
Dedicated Trade Show Time
Hall A + B

3:30–5:00 P.M.
Volatiles or Sensory: Which Is Better for Shelf-Life Measurements?
Room 306–307
Moderator: Guangwei Huang (ABC)
Speakers: Alyson Mitchell (UC Davis), Hildegarde Heymann (UC Davis), Ron Pegg (University of Georgia)
CCA Units: 0.5 Professional Development

5:00–6:00 P.M.
Free Hour

6:00 P.M.
Gala Dinner
Hall C
Moderator: Richard Waycott (ABC)
Entertainers: Juston McKinney, Mark Eddie, Tom Cotter

Schedule and Continuing Education Credits subject to change.

Come visit the almond industry trade show in Hall A + B, 8:00 a.m.–5:00 p.m.

Be sure to visit the almond industry trade show in Hall A + B, 8:00 a.m.–5:00 p.m.

Schedule and Continuing Education Credits subject to change.
Honey Bees and Pollination: Looking at the Bigger Picture
Room 308-313
9:05–10:30 A.M.
Moderator: Christi Heintz (Project Apis m.)
Speakers: Neal Williams (UC Davis), Gordon Wardell (Paramount Farming Co.)
CCA Units: 1.0 Crop Management
DPR Units: 0.5 Laws and Regulations, 0.5 Other
Solving the bees has become a media darling, especially in the last year. Almonds are frequently mentioned due to their need for bees; so questions about how almond growers are contributing to bee health need to be addressed. This symposium takes a comprehensive look at pollination and honey bees from these perspectives, including the factors impacting honey bee health and honey bee supply, as well as where almond growers can contribute to ensuring bee health, such as grower best management practices, bee contracting, hive inspection, planting honey bee forage crops and a solid partnership with beekeepers.

Pest Management Update: Insect, Disease and Weeds
Room 308-313
10:30–11:45 A.M.
Moderator: Bob Curtis (ABC)
Speakers: David Howland (UCCE-Kern County), Brad Hanson (UC Davis), Themis Michailides (UC Davis), Jeff Whitaker (UC Davis)
CCA Units: 1.0 Integrated Pest Management
DPR Units: 0.5 Laws and Regulations, 1.0 Other
New management tactics and materials keep growers and their PCAs busy trying to keep up with shifting pest spectrums, changes in past pest resistance/tolerance and regulations. This session will provide an update on what is new in the areas of almond pest management, including weeds, insects and diseases.

Research Updates: Speed Dating
Room 308-313
1:45–2:50 P.M.
Moderator: Gabriele Ludwig (ABC)
Continuing Education Credits (CCA and DPR) will be finalized at the event.
For more than 40 years, Almond Board of California’s (ABC’s) research programs have advanced yield, quality, and environmental stewardship, contributing to the growth and success of the industry. Almond Board-funded researchers have helped to identify areas of opportunity and success through all parts of the growing lifecycle. Be sure to attend this Speed Dating format of six-minute updates by researchers, offering insight into a number of ongoing projects. Researchers will also be available at poster sessions during the social hour following their presentations, giving conference attendees a chance to ask follow-up questions.

Speakers and Research Topics:
- Detoxification of Insecticides by Insects, May Berenbaum, University of Illinois, Champaign-Urbana
- Navel Orangeworm Flight Behavior, Chuck Buns, USDA-ARS, Parker, CA
- Navel Orangeworm Insecticides Control and Coverage, Joel Siegel, USDA-ARS, Parker, CA
- Improving Spray Deposition and Reducing Drift, Ken Giles, UC Davis
- Armillaria Resistant Rootstock, Kendra Baumgartner, UC Davis
- Fungicide Impact on Honey Bee Development, Lousia Hooven, Oregon State University
- Fungicide Impact on Pollen Tube Germination and Growth, Neal Williams, UC Davis
- Interactions of Fungicides and Insecticides on Honey Bees, Gordon Wardell, Project Apis m. on behalf of Reed Johnson, Ohio State University
- Importation and Preservation of Honey Bee Germplasm for Breeding and Stock Improvement, Steve Shepperd, Washington State University
- Honey Bee Nutrition: Protein Supplements vs. Natural Forage, Gloria DeGrandi-Hoffman, USDA-ARS, Tucson, AZ
- Varroa Treatments: Efficacy and Economic Impact, Fabiana Ahmadzadeh, AgScience Consulting, Tucson, AZ
- Enhancing Tech Transfer Team Program for Commercial Beekeeping Industry, Megan Mahoney, Tech Transfer Team on behalf of Marla Spivak,
  Katie Lee, University of Minnesota

Almonds and Chocolate: The Dynamic Duo
Room 306-307
1:45–2:50 P.M.
Moderator: Karen Lapsley (ABC)
Speakers: Katie P China, Lapsley and Peggy Fyffe (ABC)
When it comes to chocolate, consumers want the perfect combination of flavor, nutrition, indulgence and crunch. Our speakers will reveal new global consumer data, food industry trends and share nutrition insights that deliver how almonds are a perfect match for chocolate.

Volatiles or Sensory: Which Is Better for Shell-Life Measurements?
Room 306-307
3:30–5:00 P.M.
Moderator: Guangyu Huang (ABC)
Speakers: Alyson Mitchell (UC Davis), Hildegarde Heymann (UC Davis), Ron Pegg (University of Georgia)
CCA Units: 1.0 Professional Development
Fresh volatiles or rancid notes are indicative of almond age and quality. New research from UC Davis builds knowledge on rancidity development and a simple tool for sensory evaluation. Learn how sensory descriptors deliver a language consumer panels can use to provide their preference for almond quality. The research update from UCSB-UCM will show how sensory and chemical testing is done for almond shelf-life evaluation.

ALMOND STAGE PRESENTATIONS

Pests in the Orchard
Almond Stage, Hall A + B
8:30–9:00 A.M.
Syngenta will discuss the most troublesome pests plaguing the almond industry. Topics will include mites, Navel Orangeworm, major and emerging pests, as well as resistance management.

ALMOND LEADERSHIP PROGRAM: SPECIAL PROJECTS
Almond Stage, Hall A + B
1:30–2:00 P.M.
Moderator: Kendal Barton (ABC)
Participants in the 2013 Almond Leadership Program have spent the past few months working on special projects as part of the Program. From effects of the Food Safety Modernization Act on growers to the effectiveness of Navel Orangeworm pheromone traps to a lesson plan for third graders meant to incorporate almond facts into their curriculum, these participants have worked for months on creating forward-thinking projects designed to benefit the almond industry. Be sure to show your support for these young leaders by visiting the Almond Stage to listen to the top special projects presented by tomorrow’s industry leaders.

Almond Conference Metal Sponsors of California
Almond Board
Economic Update: Financial and Budgeting
Room 308-313
12:00–1:20 P.M.
Moderator: Gabriele Ludwig (ABC)
Sebastian Saa Silva (UC Davis)
CCA Units: 1.25 Professional Development
Irrigated Lands Regulatory Program.
It is also an opportunity to learn about recent Almond Board and USDA-funded research. It is an opportunity for all, regardless of water supply, to fine-tune irrigation practices.

WORKSHOP 3
Irrigation Strategies for Drought Management
Room 306-307
12:00–1:20 P.M.
Moderator: Bob Curtis (ABC)
Speakers: Ken Shacklel (UC Davis), David Dill (UCCE-Merced County), Allan Fulton (UCCE-Tehama County), Blake Sanden (UCCE-Kern County), Bruce Lampkin (UC Davis)
CCA Units: 0.5 Soil and Water Management
DPR Units: 0.5 Other
Tightening water supplies are a critical issue for many growers. Even for those who have sufficient water, effective irrigation management is key to long-term orchard productivity and health. This workshop will include new information on best season-long strategies under different water availability scenarios and an opportunity for all, regardless of water supply, to fine-tune irrigation practices.

ECONOMIC UPDATE: FINANCIAL AND BUDGETING
LUNCH BREAKOUT WORKSHOPS

WORKSHOP 1
Nitrogen Management and Budgeting
Room 308-313
12:00–1:20 P.M.
Moderator: Caroline Stringer (ABC)
Speakers: Patrick Brown (UC Davis), Sebastian Saa Silva (UC Davis)
CCA Units: 0.5 Nutrient Management
DPR Units: 0.5 Other
The new in-season nitrogen budget model is a “win” on all counts: improved yields, reduced input costs, and less potential for offsite movement into ground and surface water. This workshop will cover how to implement and update in-season nitrogen budget model based on information from recent Almond Board and USDA-funded research. It is an opportunity to learn about some of the requirements of the Irrigated Lands Regulatory Program

WORKSHOP 2
Economic Update: Financial Modeling Workshop
Hall C
12:00–1:20 P.M.
Moderator: Richard Waycott (ABC)
CCA Units: 1.25 Professional Development
The economics of our industry can change drastically from one year to the next, and growers must be prepared for the unpredictable. The economic well-being of almond growers depends on favorable financial conditions over the long term. This workshop will explore several financial models that illustrate the almond industry’s economic story, while demonstrating the vital importance of keeping grower returns at desirable levels.

GALA DINNER
Hall C
DOORS OPEN AT 6:00 P.M.
Program begins at 6:30 p.m.
Moderator: Richard Waycott (ABC)
Entertainers: Juston McKinney, Mark Eddie, Tom Cotter
Join us for a night full of side-splitting laughter and smiles as three top-notch comedians entertain almond professionals.
Polaris Ranger® Giveaway at The Almond Conference

Almond growers, take note: The Almond Board has gone above and beyond and teamed up with Polaris to give away a Ranger® 400 UTV during The Almond Conference. Picture yourself cruising through your orchards in a new UTV from Polaris. All registered growers who attend The Almond Conference will be eligible for a chance to win a Ranger 400 UTV.

Go to polaris.com to learn more about the Ranger 400 and their full line of UTVs.
### POSTER SESSIONS

| EAST WALL | 44 43 42 41 | 40 39 38 37 | 36 35 34 33 |
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| 45 46 47 48 | 49 50 51 52 | 53 54 55 56 | 57 58 59 60 |
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| POSTER SESSIONS |
|——|
| 1 | Reed Johnson, OSU/Gordon Wardell, Project Apis m. | Impact of Fungicides and Insecticides on Queen Larval Development |
| 2 | 13-POLL12-Hooven | Fungicide Impact on Honey Bee Development |
| 3 | 13-POLL5-Spivak | Tech Transfer Teams for Commercial Beekeeping |
| 4 | 13-POLL7-Sheppard/Cobey | Honey Bee Gemplass |
| 5 | 13-POLL9-Ahumada | Vanroo Treatments |
| 6 | 13-POLL1-Gloria DeGrandi Hoffman | Pollen Supplements vs. Natural Forage |
| 7 | Neal Williams, UCD | Forage and Integrated Almond Pollination |
| 8 | 13-POLL3-Wiliams | Fungicide Impact on Pollen Tube Germination and Growth |
| 9 | 13-POLL6-Allan | Blue Orange Bee Dispersal |
| 10 | 13-ENTO1-Berenbaum | Detoxification of Insecticides by Navel Orangeworm |
| 11 | Brad Higbee, Paramount Farming | Insect and Mite Pest Management |
| 12 | 13-ENTO6-Haviland | Insect and Mite Pest Management |
| 13 | 13-ENTO2-Burks | Navel Orangeworm Flight Behavior |
| 14 | 13-ENTO8-Joyce | Leaffooted and Stink Bugs in Almonds |
| 15 | 13-ENTO11-Siegel/Waitse | Navel Orangeworm Control and Coverage |
| 16 | 13-WATER3-Giles/Markle | Improving Spray Deposition and Reducing Drift |
| 17 | 13-ENTO3-Al-Khatib | UC IPM Pest Management Guidelines |
| 18 | 13-WATER1-Stoltz | Calibration of Aerial Applications |
| 19 | 13-ENTO9-Cardé | Navel Orangeworm Monitoring Attractants |
| 20 | 13-HORT3-Duncan/Heitz | Farm Advisor Project: NOW Insecticides |
| 21 | 13-HORT12-Hanson | Weed Management |
| 22 | 13-AFLA1-Michailides | Biocontrol of Aflatoxin |
| 23 | Themis Michailides/David Doll | Managing Wood Canker Diseases |
| 24 | 13-PATH4-Adaskaveg | Almond Disease Management |
| 25 | 13-PATH3-Adaskaveg | Alternaria Leaf Spot |
| 26 | 13-HORT14-Niederholzer | Concealed Damage Field Studies |
| 27 | Alyson Mitchell | Harvest Moisture and Almond Quality |
| 28 | Alyson Mitchell | Almond Flavor Volatiles |
| 29 | Gordon Davidson/Linda Harris, et al. | Sources and Transfer of Salmonella in Almond Production |
| 30 | Christopher Theofel/Linda Harris | Impact of Storage on Thermal Inactivation of the Surrogate Enterococcus faecium |
| 31 | Ron Pegg | Shell Life of Pasteurized Raw and Roasted Almonds |
| 32 | Shirin Abd/Carrie Ferstl | Surrogate Validation Procedure |
| 33 | Jerry Magdaleno | Almond Market Potential in Mexico |
| 34 | Andrew Ray/Bob Mahoney | NOW Phenomenon Lure vs. Egg Traps |
| 35 | Bobby McCuan | Continuous Improvement Efforts for Foreign Material |

| POSTER SESSIONS |
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| 36 | Wesley Henderson | Almond Harvest Safety Video |
| 37 | Kristen Lane | Bee Incentive Programs |
| 38 | Samantha Perez | California Almonds: How Much Is Too Much? |
| 39 | Jennifer Dickey/Laceyanne Sullivan | Third Grade Almond Curriculum |
| 40 | Daniel Bays | Complying with FSMA for Almond Harvest |
| 41 | Kevin Brooks | The Role of a Certified Crop Advisor in Almond Production |
| 42 | Eric Genzoli | Late Planting – Painted vs. Non-painted Trees |
| 43 | Terrick Watt | Market Research of Almonds in Indonesia |
| 44 | Nathan Lewis | Getting the Word Out to PCAs |
| 45 | Mike Delwiche/Karen Kiensky, UCD | Wireless Sensor Networks for Precision Irrigation |
| 46 | Shrin Upadhyaya, UCD | Sensor Technologies for Irrigation Management |
| 47 | 13-HORT13-Lampinen | Mobile Platform Measuring Canopy Light and Water Stress |
| 48 | 13-HORT19-Lampinen | Mechanical Heding |
| 49 | 13-PREC2-Brown | Fertilizer Management and Nutrient Budgeting |
| 50 | 13-PREC5-Brown | Dynamics of Root Growth |
| 51 | 13-HORT11a-Sandef | Orchard Longevity Under Differential N and Irrigation |
| 52 | 13-HORT17-Shackel | Almond ET/Yield Production Function |
| 53 | 13-AIR2-Smart | N\O Emissions from Almonds |
| 54 | 13-PREC6-Smart | N Management for Nitrate Minimization |
| 55 | 13-PREC4-Hopmans | Water and N Uptake Model |
| 56 | 13-HORT3-Duncan/Doll | Farm Advisor Project: N Management in Young Orchards |
| 57 | 13-AIR9-Doll | Soil Fumigation and Alternatives |
For 60 years, BRANDT has been helping growers maximize quality, yield and ROI with cutting-edge crop input solutions. Today, we are a world class team of agronomists, chemists, formulators, plant pathologists and pest control advisors.

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To learn more about BRANDT’s proprietary chemistries, watch the product videos at www.BRANDT.co/productvideos

Join us at Cafeteria 15L
Wednesday, December 4, 2013
at 6:00 p.m.
(S and L Streets)

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Please note that the actual layout of the exhibit hall may change depending on the equipment and products being showcased.
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EcoCure/ABM Scale/JEM-ES/Penalco: DESIGN BOOTH 1033
Tom Hupp • thupp@eco-cure.com
10237 Cimarron Woods Drive • Las Vegas, NV 89128 • 702.407.1152
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400 Cedar Avenue • Atwater, CA 95301 • 209.092.0103
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1477 Benson Avenue • Chino, CA 91710 • 909.548.4848
Gearmore was established in 1965 to supply high-quality implements for California almond and citrus growers. Gearmore offers 11 categories of implements, including grading scrapers, slicing aerators and row mulchers. Gearmore has over 30 years in the almond industry.

GERTRUDE KRUSE & SON: BOOTH 121
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GROWMARK WORKS WEED WIPER: BOOTH 1216
Lincoln McFarland • kmcfarland@gertrudelouis.com
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GROWTH SYSTEMS, INC: BOOTH 207
Ryan Stewart • ryan@klippenstein.com
186 S. West Avenue, Suite 104 • Fresno, CA 93706 • 210.384.8028
Harmon Systems Int’l, LLC - BOOTH 207
Terry R. Gong • washer@harmonchemical.com
228 S. West Avenue, Suite 104 • Fresno, CA 93706 • 239.255.4549
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HILLTOP RANCH, INC: BOOTH 405
Dexter Long • dexter@hilltopranch.com
26487 N. Hwy 99 • Tulare, CA 93274 • 559.331.8708
Hilltop Ranch, Inc. was founded in 1980 by David and Christine Long. Today, Hilltop Ranch is one of the largest owned, processor-owned facilities of almonds, handling about 30,000 dry metric tons and shipping to over 70 countries. With certification by the British Retail Consortium, customers can be assured that Hilltop Ranch complies with global standards for food safety. Hilltop’s almond handling operations are integrated flowing high-quality water to plants, irrigation system applications and soil quality. Hilltop Ranch, we work hard to understand our customer’s quality requirements and to provide the best possible customer service.

HORIZON NUT, LLC: BOOTH 325
Jeremy Otto • jotto@hortau.com
1770 Serenity Way • Chico, CA 95928 • 530.520.1645
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HYDRODYNAMICS: BOOTH 324
Shayla Wentz • swentz@key.net
3060 South 3rd Street, Suite 1000 • Modesto, CA 95356 • 209.831.2818
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217 Primo Way • Modesto, CA 95356 • 209.765.4369
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IEM LABORATORIES AND CONSULTING GROUP: BOOTH 807
Jared Davidson • Jared@iemcorporation.com
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JMB RESEARCH: BOOTH 601
Tim Harris • tim@jmbresearch.com
4711 Jmb也是 driveway • Riverside, CA 92516 • 714.288.6835
Jack Rabbit nut-handling equipment runs ahead of the herd with cutting-edge design and technology. Our nut-handling equipment is designed to handle almonds, walnuts, pecans, and other hard-shelled nuts. JMB Research is a family-owned company, located in the Coachella Valley. Each nut handler must have a unique irrigation system that meets several environmental factors. Irrigation is key to your operation’s success.

JENBIL HYDROGREEN SPIN: BOOTH 928
Bob Hansen • bob@jenbils.com
23329 Playa Vista • Tulare, CA 93270 • 559.656.9170
Jenbil Hydrogreen Spinning Devices provides concentrates, concentrates and other various types of supplies. Jenbil works with all of the manufacturers in the industry to select the best products out there for you. Each product must have a unique irrigation system that meets several environmental factors. Jenbil Hydrogreen SPIN is a proven technology that can be carried and delivered into the soil. When amending water to pH 6.5, this method actually provides twice the acidity of sulfuric, at half the material cost, while being safe to use on your orchard.

KAMPER FABRICATION: BOOTH 299
Greg Kamp • greg@kamperfabrication.com
2400 Emmick Boulevard • Boulevard, PA 19020 • 610.814.2400, Ext. 1011
Kamper Fabrication builds custom several types of fabrications including but not limited to Orchard Tractor lineup and a variety of Gator vehicles. We are proud to be a part of the 2013 Almond Conference and look forward to seeing you there.

KAP Exports: BOOTH 921
9040 16th Street • Memphis, TN 38112 • 901.272.2283
KAP Exports, Inc. provides custom solutions for the almond industry. Their offerings include a variety of almond processing equipment to meet the needs of our customers. They can provide custom solutions for the almond industry.

KLIPPELSTEIN CORPORATION: BOOTH 1133
Ryan Candler • RyanCandler@klippenstein.com
539 S. Villa Avenue • Fresno, CA 93725 • 559.647.5117
Klippenstein Corporation has been a leader in the design and usage of systems that speed up the movement of water, energy, fertilizers and pesticides. Their cutting edge technology merges the latest in automation and accuracy to provide high quality, efficient solutions.

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KLINE CHEMICAL COMPANY: BOOTH 925, 927
Jacob Barnett • jacobb@klinechemical.com
7561 S. Ingram Avenue, Suite 101 • Manteca, CA 95337 • 209.251.8485
Kline Chemical Company is a national distributor of crop specialty products and inputs. Kline Chemical was founded in 1948 and is headquartered in Jackson, California, near Modesto, with regional sales offices and warehouses throughout the world. Kline Chemical Company is integrated within the agricultural and chemical businesses. Kline Chemical is a preferred link between suppliers and customers that who grow food on a global scale.

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SCHABEN INDUSTRIES : BOOTH 514
Joes Maldonado • joes.maldonado@schatbredmers.com
4450 State Rd Blvd, Bakersfield, CA 93307 • 661.253.9844
Schat bredmers is a 'shaper manufacturer and a liquid-handling product distributor for the food, pharmaceutical, chemical, and process industries. We understand that if high-quality food is to be harvested for our consumers, such products must be handled under the most-stringent and rigid quality assurance conditions. We are able to design, manufacture, and provide all liquid-handling systems for our customers. We are also a distributor of poly storage tanks with a capacity of up to 100,000 gallons, full of any type of product, including chemicals, food, and paint.

SCHUL & ASSOCIATES, INC. : BOOTH 325
Arno Koster • arno.schul@schulinc.com
5020 W. Miner Ave, Visalia, CA 93291 • 559.734.1070, Ext. 108
Sch & Associates is located right in the middle of the highly productive agricultural area of the five Central Valley counties. We design and sell sorting machines, classifiers, and real-time monitoring systems that incorporate infrared sensors and software designed to fit the needs of our customers. We are also a distributor of poly storage tanks with a capacity of up to 100,000 gallons.

SELECT HARVEST USA : BOOTH 614
Sheryl Wheeler • s.wheeler@selectharvestusa.com
14074 W. Hart Rd, Talent, OR 97540 • 541.679.2287, Ext. 100
Select Harvest USA is a Grower / Processor “Shipper” of California chinaberry and sweet lemon. Our facilities are located in the valley of California’s Central Valley. Our business is dedicated to providing California’s largest selection of almonds and all other products in the Shuler family business. We have been providing excellent service to the Shuler family business for many years. Select Harvest has supplies world-wide with all varieties of natural California Almonds. We strive to be a leader in the industry and are focused on excellence in quality control and customer service.

SIERRA GOLD NURSERIES : BOOTH 220
Jerry Owen • jowen@sierragoldnurseries.com
5320 Garden Highway • Yuba City, CA 95991 • 530.674.1145
Providing top quality fruits trees and vines since 1951, Sierra Gold is a full-service nursery, growing products with one on-site orchard and ranch delivery from our local Mill representaives. All major almond varieties grown on traditional rootstocks, such as Heritage, Louise, Mandara 26, Parei peach/almond hybrid, Hybrid 2, and Texas 12. Our plants are in stock and ready to ship.

SIERRA VALLEY ALMONDS : BOOTH 1011
Dean Nelson • dnelson@sierravalleyalmonds.com
22401 Road 11, Firebaugh, CA 93533 • 559.628.8800
Sierra Valley Almonds is dedicated to providing exceptional service to our growers and buyers. Our experienced staff is committed to supplying quality products to our global customers. Whether you seek post or pre-cast, or our team is dedicated to providing you with the highest quality products. This has resulted in a premier producer.

SIMPLIT GROWER SOLUTIONS : BOOTH 810
David Gonzalez • d.gonzalez@simplit.com
6811 E. Grayson Road • Hughson, CA 95326 • 559.634.0273
Simplit is the leader in the simulation, optimization, and planning of farms, ranches, and farms. Simplit offers a comprehensive set of tools for managing farms, ranches, and farms.

SIERRA BASICS, INC. : BOOTH 516
Julie Mulvihill • mulvihillj@sierrabasics.com
1074 W Garden Ave • Visalia, CA 93291 • 559.651.2772
SPAN CONSTRUCTION & ENGINEERING, INC. : BOOTH 418
Mark Dynagon • mark.dynagon@spancon.com
1841 Howard Road • Modesto, CA 95351 • 209.568.5111
Span Construction and Engineering, Inc. is the nation's leading supplier of agricultural and industrial equipment. We manufacture a wide variety of equipment to meet the needs of our customers.

SPECTRUM TECHNOLOGIES : BOOTH 1103
Tara Longshore • Longshore@spectrumpcn.com • 906.346.4440
Spectrum Technologies is a global leader in weather monitoring, plant health, irrigation, and environmental sensing. We leverage advanced technologies to deliver actionable information that improves operational efficiency and farm profitability. We provide a wide range of products and services that help farmers and ranchers make informed decisions.

TOMRA SILVER SPONSOR : BOOTH 427
Dewar Murphy • dewar.murphy@tomra.com
40348 C1050 Rd, Ridgefield, WA 98642 • 360.617.3702
TCMRA Sorting Solutions, CEDERSIN & BEST the premier supplier of sorting, peeling and process analytic solutions worldwide, offers a wide range of applications for the food and beverage industries, from fresh produce to seafood. Customers have access to a comprehensive service network, ensuring a timely and reliable solution for their specific needs. To learn more about our solutions, visit us online at www.tomra-industries.com for more information.

TOMRA GOLD SPONSOR : BOOTH 100
1910 S. Haskell Avenue • Dallas, TX 75223 • 214.828.8657
Tomra Food is a global leader in sorting, screening and separation equipment for the processing of fresh produce, seafood, nuts, snacks and other food products. Our innovative solutions are designed to help you maximize product quality and profitability.

TURKAN Foods : BOOTH 312
Ben Villines • accounts@turkhanfoods.com
17041 French Camp Road • Ripon, CA 95325 • 209.582.9393
Turkan Foods was founded in 2007 as a trading company, only to expand in 2010 to a processor of both California and almonds. Although a young company, this is a rich company with a rich history in the almond industry. A family-owned business, Turkhan is on track in Turkey. Established with trade relations in more than 30 countries across five continents, Turkhan Foods is dedicated to delivering the highest quality almonds to customers in the U.S. and Canada. Turkhan Foods is dedicated to building lasting relationships within the industry by providing quality products that meet or exceed the customers’ expectations, while providing profitability to the growers.

UNIVERSITY OF CALIFORNIA, AGRICULTURE AND NATURAL RESOURCES: RESEARCH POSTER AREA 50
1212 University Ave • Davis, CA 95616 • 530.754.3905
University of California, Agriculture and Natural Resources (UCANR) delivers healthier lives and healthier soils. UCANR’s mission is to ensure a sustainable environment through cutting-edge research, innovative teaching, and public service. We work with farmers, producers, and businesses to improve soil health, water quality, and ecosystem services. We are dedicated to developing and implementing solutions to help farmers, producers, and businesses achieve their goals.

VALENT USA : BOOTH 505
Roberto Villalba • roberto.villalba@valentusa.com
1108 Westwod Drive • woodland, CA 95695 • 530.304.9678
Valent USA is a leader in the development and marketing of plant health and pest control products for the U.S. and Canada that protect agricultural crops, enhance crop yields, and improve food safety. Valent’s broad and growing line of innovative fungicides, herbicides, insecticides and plant growth regulators includes highly effective, long-lasting products that protect agricultural crops, enhance crop yields and improve food safety. Valent’s products are developed with the environment in mind, offering reduced impact to the environment.

Vegetalia, Inc. : BOOTH 210
Jose Maldonado • jose.maldonado@schabenindustries.com
914 P.O. Box 220 • Hughson, CA 95326 • 209.883.4093
Valencia Implement has been serving the agricultural industry and homeowners in the Modesto, Merced and San Joaquin counties since 1912. Today, we sell and service a wide variety of equipment for the agricultural industry, as well as for farmers and homeowners. We also provide service and repair for agricultural equipment and vehicles. We also provide a wide selection of parts for all the products that we have offered over the years. We are committed to providing you with the best possible service and support to keep your customers happy and help them achieve their goals.

Verdegaal Brothers : BOOTH 100
Jim Gregory • jgregory@verdegaalbrothers.com
1300 E. Salinas Rd • Ripon, CA 95366 • 209.896.0205
High biodiversity and high pH irrigation waters are issues with water quality and often require water treatment to bring the water quality to acceptable levels. Under certain conditions, we are promoting installations to inject acid to quickly lower the water pH. The goal is to lower the pH to an acceptable level that will not affect the soil quality. We are also promoting the use of sodium bicarbonate to increase water pH and to improve plant growth in high pH calcareous soils. Verdegaal Brothers is also a manufacturer of sodium acid and fertilizers and a distributor for both soil applied gypsum and solution grade gypsum.

verdegaalbrothers.com
TRADE SHOW MAP + COMPANY DESCRIPTIONS

**WESTERN FARM PRESS**

**BOOTH 1207**

Darrah Pehrle • dpehrle@farmpress.com
14202 US Hwy 61 • Clearlake, CA 95421 • 506.637.0126

Western Farm Press is the California almond industry’s number one source for production information—in print and online. Western Farm Press prints in-depth articles on almond growers and reports on the latest almond production and marketing information. “Western Farm Press Daily” provides daily electronic information on the latest news of California agriculture. “The Nut Farm Press” is a twice-monthly newsletter that highlights producer practices and the current almond crop information. Two hours of DPI accredited continuing education is available free online at www.westernfarmpress.com in an almond disease management course developed by Western Farm Press and Almond Board of California.

**WESTERN FRUIT GROWERS**

**BOOTH 806**

Keith Christensen • keith@meistermedia.com
3509 Coffee Road, Building D-18 • Modesto, CA 95355 • 209.573.8740

We deliver valuable growing information to almond growers the way they like to receive it, through the contact magazines, e-newsletters, forums, website, online videos, webinars and in-person.

**WESTERN GROWERS INSURANCE SERVICES**

**BOOTH 1028**

Krisen Kirsch • kirsch@wgestates.com
17820 Fitch Street • Irvine, CA 92624 • 949.885.2248

Western Growers Insurance Services is a full-service insurance agency providing insurance products and services tailored specifically for the agricultural industry and beyond. We are committed to providing exceptional service, professional advice and high-quality products at competitive prices. Our regional locations throughout California and Arizona allow us to work directly with our customers to provide proactive service that sets us apart from the competition. We specialize in business insurance, employee health benefits, risk management, workers’ compensation, safety and loss control services, personal lines and more. Visit us online at www.WGGrowersServices.com.

**WILKEY INDUSTRIES**

**BOOTH 1018**

Ritch Maliepaard • rich@wilkeyindustries.com
830 S. Negger Road • Turlock, CA 95380 • 209.649.1201

Wilkey Industries is a recognized leader in solving complex agricultural and industrial fabrication and service problems through the development and enhancement of processing equipment and our client, vendor and employee relationships. Wilkey specializes in dust control and product separation by means of targeted system application. Our customers enjoy our attention to detail, personal relationships and an exceptional value.

**YARA NORTH AMERICA, INC.**

**BOOTH 1021**

Jon Collins • jon.collins@yara.com
10046 Sanetas Falls Avenue • Bakersfield, CA 93312 • 661.589.8796

Yara is the world’s largest supplier of mineral fertilizer and offers the almond grower a full range of fertilizer grades, from high and high quality liquid YaraLiva, CN-9 and CAN. 17 provide nitrogen and calcium for strong trees yielding high quality almonds. YaraLiva NPAs are ideal for long new plantings rapidly to full production, and our Potassium Sulfate replenishes the high K-demand of almonds. A complete line of Yara’s micronutrients for both foil or soil application rounds out Yara’s portfolio. Fortification, soil or dry application. Yara has all the fertilizers needed for first-rate almond production.

**WESTERN BEEKEEPER**

**BOOTH 195**

Jon Collison • jon.collison@yara.com
10046 Sanetas Falls Avenue • Bakersfield, CA 93312 • 661.589.8796

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TOMRA Sorting shares its sorting experience with customers in order to provide the most suitable, cost effective and advanced sorting solutions for the efficient removal of hull, shells, gummies, insect damage, aflatoxine, discolorations and foreign material.

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