



2017

# THE ALMOND CONFERENCE

SUSTAINABILITY AND SUPPLY CHAINS: LEVERAGING CASP PARTICIPATION

Room 314 | December 7 2017



# CEUs – New Process

## Certified Crop Advisor (CCA)

- Sign in and out of each session you attend.
- Pickup verification sheet at conclusion of each session.
- *Repeat this process for each session, and each day you wish to receive credits.*

## Pest Control Advisor (PCA), Qualified Applicator (QA), Private Applicator (PA)

- Pickup scantron at the start of the day at first session you attend; complete form.
- Sign in and out of each session you attend.
- Pickup verification sheet at conclusion of each session.
- Turn in your scantron at the end of the day at the last session you attend.

*Sign in sheets and verification sheets are located at the back of each session room.*

# Sustainability and Supply Chains: Leveraging CASP Participation

## Speakers

- Jonathan Hoff, Monte Vista Farming Company
- Nathan Smith, SureHarvest

## Moderator

- Jeff Dlott, SureHarvest



# Sustainability and Supply Chains: Leveraging CASP Participation

## Session Outline

- Introductions
- Setting the Context
- Facilitated Discussion with Jonathan Hoff and Nathan Smith
- Audience Participation: Questions and Answers with Jonathan and Nathan



# Context: More and More Almond Buyers Engaged in Sustainable Sourcing

The screenshot shows the Unilever Sustainable Living Plan website. At the top, there is a search bar and a navigation menu with links to Home, Sustainable Living, The Unilever Sustainable Living Plan, and Sustainable sourcing. Below the navigation, the main heading is "The Unilever Sustainable Living Plan". Underneath, there are three main categories: "Improving Health & Well-being", "Reducing Environmental Impact", and "Enhancing Livelihoods". Each category has a list of sub-topics: "Health & hygiene", "Improving nutrition", "Greenhouse gases", "Water use", "Waste & packaging", "Sustainable sourcing", "Fairness in the workplace", "Opportunities for women", and "Inclusive business".

The screenshot shows the Pepsico Sustainable Sourcing website. The top navigation bar includes the Pepsico logo and a search icon. The main heading is "SUSTAINABLE SOURCING". Below the heading, there is a large image of oranges on a tree. The text "SUSTAINABLE SOURCING" is overlaid on the image.

The screenshot shows the Mars "Our Raw Materials" website. The top navigation bar includes the Mars logo and links to Who We Are, Press Center, Careers, Our Brands, Doing Our Part, and Sustainable in a Generation Plan. The main heading is "Our Raw Materials". Below the heading, there is a large image of a blue hat. The text "PLANNING & MEASUREMENT" and "OUR SUPPLY CHAIN" is overlaid on the image.

The infographic is titled "Kellogg's GLOBAL SUSTAINABILITY COMMITMENTS". It is divided into four main sections: "RESPONSIBLE SOURCING", "CONSERVING NATURAL RESOURCES", "Sustainable Agriculture", and "Packaging".

- RESPONSIBLE SOURCING:** Ingredients / Materials Responsibility source priority 10 ingredients by 2020. Validate social compliance with suppliers.
- CONSERVING NATURAL RESOURCES:** Energy: By 2020, expand low carbon energy levels plants by 50% and reduce energy costs in plants by an additional 15%.
- Sustainable Agriculture:** Support 500,000 farmers by 2025, focusing on Climate Smart Agriculture to improve livelihoods.
- Packaging:** Continue adding value to foods and the planet via increased packaging.

The screenshot shows the Nestlé Responsible Sourcing website. The top navigation bar includes the Nestlé logo and the tagline "Good Food, Good Life". The main heading is "Responsible sourcing". Below the heading, there is a large image of a blue hat. The text "Our commitment: Implement responsible sourcing in our supply chain and promote animal welfare" is overlaid on the image.

# Context: Wide Range of Sustainability Initiatives to Assess Practices



How Best to Leverage California Almond-Specific Sustainability Initiative?



Q: How best to leverage California almond-specific sustainability initiative?

A: Benchmark to an internationally recognized sustainable farming platform.

- The Sustainable Agriculture Initiative Platform (SAI Platform) is a leading global food & drink value chain initiative for sustainable agriculture.
- SAI Platform today counts over 90 members, which actively share the same view on sustainable agriculture.
- SAI Platform develops tools and guidance to support global and local sustainable sourcing and agriculture practices including the Farm Sustainability Assessment (FSA).



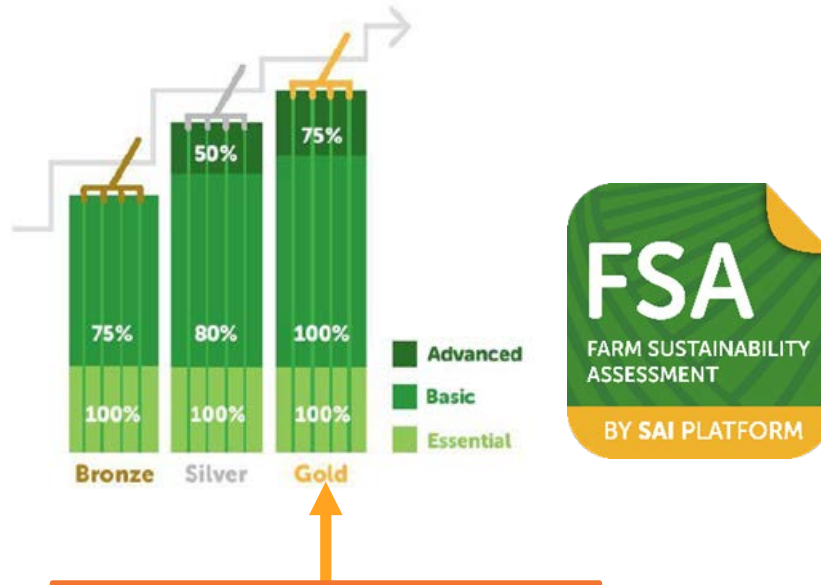
# Why SAI Platform FSA?

- Julie Adams discussed yesterday
- Jonathan & Nathan will further discuss in this session





# FSA Benchmark of CASP to GOLD Performance Level



Existing almond practices under CASP address most areas identified by SAI/FSA  
*Only 2 programs in the U.S. benchmark GOLD!*

# FSA Benchmark of CASP Creates Value Add Opportunities

- Making lemonade out of lemons
- More inclusive program
- Jonathan & Nathan will further discuss in this session

**RESULTS: CASP with California & Federal Legislation**  
Based on the **MINIMUM** Score

Performance level	Gold		
Scores <small>(Calculation with exclusion of Not Applicable FSA-questions)</small>	Essential	Basic	Advanced
Legal Compliance	100%	100%	No Advanced
Farm Management	No Essential	100%	0%
Health & Safety	100%	100%	100%
Local Community	100%	No Basic	100%
Planting	No Essential	100%	100%
Soil Management	No Essential	100%	100%
Nutrient Management	No Essential	100%	100%
Crop Protection	100%	100%	75%
Agro-chemicals	100%	100%	No Advanced
Waste Management	No Essential	100%	No Advanced
Water Management	100%	100%	100%
Biodiversity	100%	100%	100%
Greenhouse Gas Emissions	No Essential	100%	100%
Air	No Essential	No Basic	100%
Financial Stability	No Essential	100%	100%
Market Access	100%	100%	100%
Labor Conditions	100%	100%	75%
<b>TOTAL</b>	100%	100%	89%
	No Answer		0%



## Facilitated Discussion

Jonathan Hoff, Monte Vista Farming Company

Nathan Smith, SureHarvest

Thank you!



# What's Next

## Thursday, December 7 at 10:45 a.m.

- Surveying the Legal Risk Landscape – Room 314
- ABC Partners Addressing Bee Health – Room 312-313
- Insect Pest Management Update – Room 308-309
- India: Celebrating Traditions – Room 306-307
- Unified Services for Solar Construction and Maintenance in the Almond Industry, Almond Stage in Hall A+B, presented by Sunworks, Inc.



# Research Poster Sessions

## **Wednesday, December 6**

*3:00 p.m. – 5:00 p.m.*

### Featured topics:

- Irrigation, nutrient management
- Breeding
- Soils, if related to organic matter input
- Sustainability, irrigation improvement continuum, life cycle assessment, dust
- Food quality and safety

## **Thursday, December 7**

*1:30 p.m. – 2:30 p.m.*

### Featured topics:

- Insect and disease management
- Fumigation and alternatives
- Biomass (including biochar-related efforts)
- Pollination
- Almond Leadership Program

# 2017 Research Update Book

- Pickup your copy at the ABC Booth in Hall A+B
- Includes a one-page summary of every current ABC-funded research project

