Specialty Crops Challenges: Crop Insurance, Citrus Greening, Labor, and Water

2020 AAEA Annual Meeting
Pre-conference Online Workshop

Organized by the Economic Research Service, USDA
Sponsored by the Specialty Crops Economics Section

Wednesday, July 29, 2020
Free and open to the first 100 registrants

Register here to receive zoom link
Wednesday, July 29, 2020

Pacific 7:30 am - 3:30 pm
Mountain 8:30 am - 4:30 pm (Time zone used in this program)
Central 9:30 am - 5:30 pm
Eastern 10:30 am - 6:30 pm

8:30 am Introduction: Linda Calvin, Produce Economist, USDA Economic Research Service

Crop Insurance in Specialty Crops

Goal: To understand the factors unique to crop insurance markets for specialty crops and how those factors affect the use and impact of crop insurance in this sector.

8:35 am Moderator: Tara Ponds, Specialty Crops Coordinator, USDA Risk Management Agency

8:40 am Whole Farm Revenue Protection Use in Specialty Crops
Rod Rejesus, North Carolina State University

9:00 am Barriers to Crop Insurance Use for Organic and Diversified Farms
Eric Belasco, Montana State University

9:20 am Premium Rates and Selection in Catastrophic Coverage: Evidence from Specialty Crops
Jisang Yu, Kansas State University
Coauthors: Daniel A. Sumner and Hyunok Lee

9:40 am Discussant: Tom Worth, Chief Actuary, USDA Risk Management Agency

10:10 am Break
## Citrus Greening and the Asian Citrus Psyllid

**Goal:** To understand efforts to cope with citrus greening in Florida and the efforts to mitigate the threat of the Asian citrus psyllid in California.

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>10:25 am</td>
<td>Moderator: Skyler Simnitt, Citrus Economist, USDA Economic Research Service</td>
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<tr>
<td>10:30 am</td>
<td><strong>What Can Be Learned From Dealing With Citrus Greening in Florida?</strong></td>
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<td>10:50 am</td>
<td><strong>Consumers and Citrus Greening: Are Genetics the Answer?</strong></td>
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<td>11:10 am</td>
<td>Discussant: Derek Farnsworth, University of Florida</td>
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<td>11:40 am</td>
<td>Lunch</td>
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## Market Pressures in Specialty Crops: Labor and Imports

**Goal:** To understand how increased uncertainty in labor markets and the pressure of imports affects the specialty crop industry.

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<th>Time</th>
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<tr>
<td>12:40 pm</td>
<td>Moderator: Jaclyn Kramer, Fruit and Tree Nut Analyst, USDA Economic Research Service</td>
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<td>12:45 pm</td>
<td><strong>The Race in the Fields: Machines, Migrants, and Imports</strong></td>
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<td>1:05 pm</td>
<td><strong>The Effects of a Declining Farm Labor Supply on California Agriculture</strong></td>
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<td>1:25 pm</td>
<td><strong>Developments of H-2A in Specialty Crops</strong></td>
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<td>Diane Charlton, Montana State University</td>
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1:45 pm  **New Developments in the Import of Specialty Crops from Mexico**  
*Elizabeth Canales*, Mississippi State University

2:05 pm  **Discussant:** *Gregory Astill*, Research Economist, USDA Economic Research Service

2:35 pm  **Break**

**Adapting to Environmental Challenges: New Strategies, New Data, and New Analytics**

**Goal:** To better understand how produce growers are dealing with decreased water availability and other impacts of climate change.

2:50 pm  **Moderator:** *Tom Bewick*, Horticulture National Program Leader, USDA National Institute of Food and Agriculture

2:55 pm  **Agricultural Adaptation to Water Pricing: Evidence from California Groundwater**  
*Ellen Bruno*, University of California Berkeley

3:15 pm  **Mitigating the Impact of Drought with Improved Drought Forecasting and Innovative Water Markets**  
*Michael Brady*, Washington State University

3:35 pm  **New Data for Researchers from Smart Mechanization**  
*Joshua Woodard*, CEO Ag-Analytics

3:55 pm  **Discussant:** *Dawn Thilmany*, Colorado State University

4:25 pm  **Concluding remarks:** *Linda Calvin*, Produce Econmist, USDA Economic Research Service

4:30 pm  **End of workshop**