

The 2026 NC1034 Annual Meeting

March 27-28, 2026

VENUE: Burnett Plaza

Address: 801 Cherry St, Fort Worth, TX 76102.

Preliminary Program

Friday, March 27, 2026

8:00 AM, continental breakfast

9:00-10:30 AM, Selected Papers Session 1: Productivity

Do precision dairy technologies increase profitability? Evidence from a nationally representative survey of US dairy farms

Zach Raff (NC State) and **Jonatha McFadden (USDA-ERS)**

Insights from U.S. Dairy Processors' Sustainability Efforts Towards Net Zero by 2050

Zhao Ming (U. of Idaho)

Vertical Disintegration and the Shifting Boundary of the Farm Business: Implications for Agricultural Productivity

Anton Babkin (U. of Wisconsin–Madison), Richard A. Dunn (Sandhill Consulting), **Brent Hueth (ERS)**

Beyond Time Trends: Quantifying Seed Technology's Contribution to Soybean Yield Growth

Jared Hutchins (UIUC) and Scott Irwin (UIUC)

10:45 AM-12:15 PM, Selected Papers Session 2: Innovation

Robots, Jobs, and Diets: How Automation Affects Food Consumption Through Labor Markets

Xiangwen Kong (Auburn U.)

Saliency of Biotechnology Labelling in a Multi-Attribute Environment

Valerie Kilders (Purdue), Anam Ali (Purdue), Brenna Ellison (Purdue), Brandon McFadden (U. of Arkansas)

Protecting Intermediate Innovations When Ideas Are Scarce: Patents or Secrecy?
Bonwoo Koo (U. of Waterloo), Jangho Yang (U. of Waterloo), and **Brian D. Wright (UC Berkeley)**

Climate Risk Exposure, Breeding Innovation, and Yield Loss Mitigation: Evidence from Chinese Seed Companies
Yanhong Jin (Rutgers), Haiyan Deng, Dan Liu, and Yaru Liu

12:30 PM – 1:30 PM, Lunch and Ag Innovation Pannel (hybrid)

1:45-3:15 PM, Selected Papers Session 3: Novel Practices

How an environmental catastrophe may be restored: Evidence from grassland and irrigated farmland co-existing in Northeastern New Mexico
Haoying Wang (New Mexico Tech)

Valuing Agrivoltaics: Evidence from Farmer and Solar Developer Surveys
Paul Mwebaze (UIUC), Ruiqing Miao (Auburn), Madhu Khanna (UIUC), Bijesh Mishra (Georgia Tech), James McCall (NREL), Alexis Pascaris (NREL), Caroline Hernandez (UIUC), Fahd Majeed (UIUC)

Crop Insurance, Financial Assistance, and Growers Adoption of High Tunnels Under Climate Variability
Yefan Nian (Clemson U.) and Zhifeng Gao (U. of Florida)

Beyond the Seasonal Sum: Phenological Timing and Temperature-Dependent Precipitation Effects on U.S. Crop Yields
Xinran Wang, Xingguo Wang, Chengcheng Fei, (Texas A&M University)

3:15 PM: leave for Fort Worth Stockyards National Historic District (cattle drive and dinner)(<https://www.fortworthstockyards.org/>)

Saturday, March 28, 2026

8:30 AM, Breakfast and Business Meeting, Burnett Plaza

10:00 – 11:30 AM, Selected Paper Session 4: Production

Evaluating Intensified Water and Nutrient Management in Midwest Cropping Systems

Juan Sesmero (Purdue University)

Do Conservation Practices Reduce Synthetic Nitrogen Demand? Evidence from U.S. Agriculture

Gal Hochman

Unlocking the Potential of Nitrogen-Efficient Genetically Engineered Rice

Qiqi Chen (Texas A&M), Yu Yvette Zhang (Texas A&M), David Zilberman (UC Berkeley)

How Genetically Engineered Crops Influence U.S. Crop Yields, Climate Sensitivity and Production Locations

Caroline Yifan Dong (Texas A&M), Chengcheng Fei (Texas A&M), Bruce McCarl (Texas A&M), David Zilberman (UC Berkeley)

11:30 AM, Adjourn.

Organizing Committee Contact Information

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Presentation Abstracts (to be included)

(Listed alphabetically by presenters' last names)