



# 2023 Spring Meeting

Host: Indiana Crop Improvement Association

Location: Convergence, Purdue Campus & Microsoft Teams

101 Foundry Drive, West Lafayette, IN 47906

**Tuesday, March 28**  
1:00-5:00 ET

**Working Group Meetings**

**Updates and collaboration time**

Composition, Nucleic Acid, Website and Protein Working Groups

**Wednesday March 29**  
8:15-5:00 ET

**Business and Industry Updates and Presentations**

Presentation	Speaker
Indiana Crop Improvement Association Host Welcome	John Zheng, Indiana Crop Improvement Assoc.
Celebrating 30 years of AEIC	Penny Hunst, AEIC Secretary
Sorghum research overview and Africa collaboration	Dr. Patrick Rich, Purdue University
European decision regarding gene editing	Petra Jorasch, Euroseeds
Improving sorghum fungal resistance	Dr. Tesfaye Mengiste, Purdue University
Technology spotlight: CRISPR	Sophie Chapelle, Sherlock Biosciences
Sorghum Dhurrin Free Discovery and Development	Dr. Mitch Tuinstra, Purdue University
Sorghum Commercial Breeding	Payne Burks, S&W Seed
Sorghum Purity assay	Dr. Shofiquil Islam, ICIA
Pathogen assay validation	Alex Eads, Agdia

**Thursday March 30**  
8:15-2:30 ET

**Presentations and Tour**

Presentation	Speaker
New member spotlight - Bill & Melinda Gates Agricultural Innovations (Gates Ag One)	Cecil Dharmasri, Gates Ag One
Future of alternative proteins	Dr. Senay Simsek, Purdue University
Creating a dedicated farm to renewable food supply chain	Chris Aulbach, CoverCress
Metabolomics and GMO risk assessment	Mohamed Bedair, Bayer
Purdue Food Science Lab and plant-based protein tasting tour	Dr. Senay Simsek and Allie Kingery, Purdue University