

WELCOME

2025 NATIONAL FHB FORUM

The USWBSI is dedicated to offering this valuable opportunity for the FHB community to come together to foster dialogue and advance scientific knowledge on the latest insights regarding the impact of Fusarium head blight (scab) and deoxynivalenol (DON) on wheat and barley.

USWBSI 2025 FORUM ORGANIZING COMMITTEE (FOC)

Co-Chairs

Esten Mason, Colorado State University and Lisa Vaillancourt, University of Kentucky

Members

FHB Management

Christina Cowger, USDA-ARS and Alyssa Collins, Pennsylvania State University

Food Safety & Toxicology

Mark Busman, USDA-ARS and Zhao Jin, North Dakota State University

Gene Discovery and Engineering Resistance

William Hay, USDA-ARS and Namrata Jaiswal, USDA-ARS

Pathogen Biology and Genetics

Mickey Drott, USDA-ARS and Tom Baldwin, North Dakota State University

Variety Development and Host Resistance

Clay Sneller, The Ohio State University and Mike Giroux, Montana State University

QUICK TIPS

- Your **name badge** serves as your ticket for the following food functions, make sure to wear it at all times: Sunday reception/dinner, Monday breakfast, lunch and reception, as well as all breaks.
- A small meeting room is open for use during the Forum, check in at registration for availability.
- The USWBSI is dedicated to providing a harassment-free meeting experience, all attendees are expected to comply with the [USWBSI Code of Conduct](#).
- Photos will be taken during the Forum, by registering you agree to allow USWBSI to use your photo in various publications.
- Check out the [Virtual Poster Room](#) in addition to the onsite posters with QR code.
- An [Abstract Viewer](#) with all presentations and posters is available with QR code.
- The latest [Attendee Registration List](#) is available at the registration desk or can be accessed with QR code.
- Follow [@USWBSI](#) on X or [LinkedIn](#); for posts about the NFHB Forum, use the hashtag **#nfhbforum25**.
- In case of emergency, please notify USWBSI's Director of Operations Michelle Bjerkness (612.990.5032).
- The 2025 National FHB Forum is being held at the [Hilton Denver City Center](#) in Denver, Colorado.

RESEARCH AREA ACRONYMS

The following are used throughout the program to reference areas of focus for presentations and posters.

FST - Food Safety & Toxicology

GDER - Gene Discovery and Engineering Resistance

MGMT - FHB Management

PBG - Pathogen Biology and Genetics

VDHR - Variety Development and Host Resistance

Quick Mobile Access QR Codes

USWBSI Code of Conduct



2025 Virtual Poster Room



2025 Abstract Viewer



2025 Attendee Registration List



2025 SPONSORS

THANK YOU

The organization of the NFHB Forum is coordinated by the USWBSI with funds provided by USDA-ARS through the National Facilitation Office.

Additional support for the NFHB Forum is made possible through generous contributions from:

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U. S. Wheat & Barley Scab Initiative (USWBSI)

Networking & Facilitation Office (NFO) | nfo@scabusa.org

495 Borlaug Hall | 1991 Upper Buford Circle | St. Paul, MN 55108 | scabusa.org | 517.290.5023

The USWBSI is a national multi-disciplinary and multi-institutional research consortium whose goal is to develop effective control measures that minimize the threat of Fusarium head blight (scab), including the production of mycotoxins, for producers, processors and consumers of wheat and barley. The USWBSI's recent \$7.6 million annual budget comes from Federal funds appropriated through the USDA-ARS and is distributed to research projects in more than 30 states.

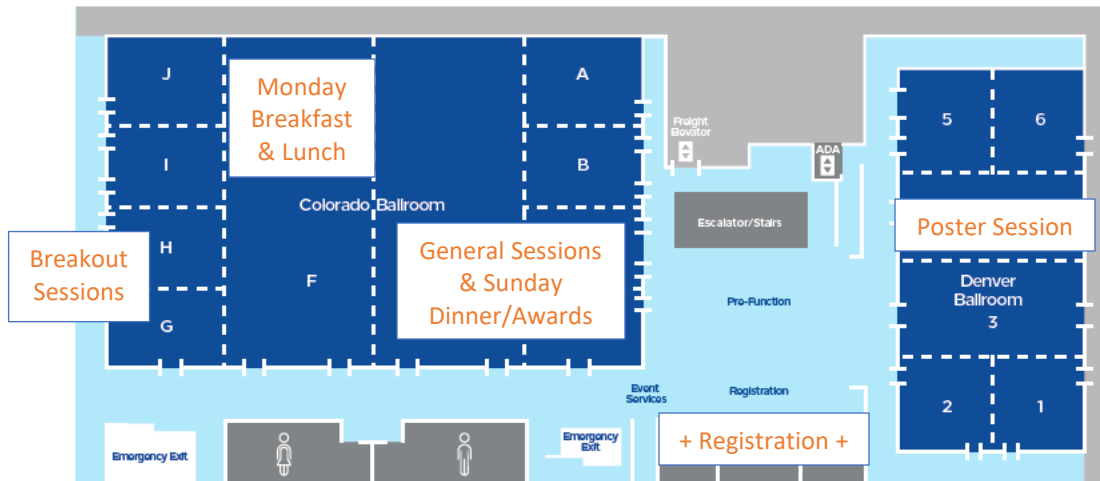
2025 SCHEDULE AT A GLANCE +

	Sunday December 7, 2025	Monday December 8, 2025	Tuesday December 9, 2025
7:00AM		Breakthrough Breakfast Colorado Ballroom F Lower Level 2	Breakfast on Own (bagels provided at AM break)
8:30AM			
9:00AM	Registration Opens Lower Level 2	Breakout Meetings (See details on pg 7)	General Session 5 Colorado Ballroom A-E Lower Level 2
10:00AM	Poster Author Set-up Denver Ballroom Lower Level 2	Break	Break
		Breakout Meetings (See details on pg 7)	General Session 6 Colorado Ballroom A-E
		Attendee Lunch Colorado Ballroom F	Closing Session NFHB Forum Adjourns @ Noon
1:00PM	Opening Session Colorado Ballroom A-E Lower Level 2	Breakout Meetings (See details on pg 8)	USWBSI Steering Committee Meeting Independence & Penrose Lower Level 1
1:45PM		Break	
	General Session 1 Colorado Ballroom A-E	General Session 3 Colorado Ballroom A-E	
		Poster Competition Finalists	
3:40PM	Break	Break	
	General Session 2 Colorado Ballroom A-E	General Session 4 Colorado Ballroom A-E	
	Poster Competition Finalists	Flash & Dash	
5:30PM	Poster Session/Reception <i>Even # Poster Authors Present</i> Denver Ballroom	Poster Session/Reception <i>Odd # Poster Authors Present and Poster Competition Awardees</i> Denver Ballroom	
6:30PM	Dinner & Awards Ceremony Colorado Ballroom A-E		
8:15PM	Early Career Social The Loft (off main lobby)	Open	
9:15 PM			

**National Wheat
Improvement
Committee
Meeting**
(4-5:30PM,
continues Wed
8:30AM-Noon)
Colorado G-I,
Lower Level 2

FLOORPLAN + Hilton Denver City Center

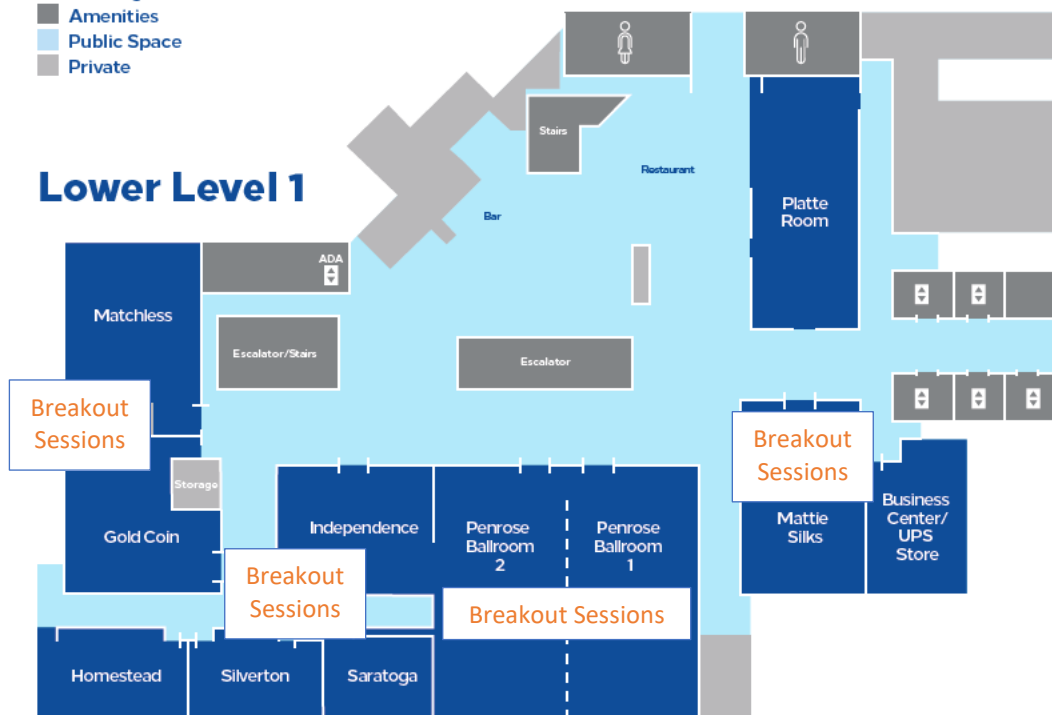
Lower Level 2



FLOOR MAPS KEY

- Meeting/Conference Rooms
- Amenities
- Public Space
- Private

Lower Level 1



2025 PROGRAM +

SUNDAY, DECEMBER 7

9:00AM-5:30PM

Registration Open

Lower Level 2

10:00AM-12:30PM

Poster Author Set-up

Denver Ballroom, Lower Level 2

1:00PM

Opening Session

Colorado Ballroom A-E, Lower Level 2 | Moderators: Esten Mason & Lisa Vaillancourt, FOC Co-Chairs

1:00PM + Welcome & Overview



Ruth Dill-Mackey, USWBSI
Researcher Co-Chair,
University of Minnesota

1:05PM + Keynote Presentation



Richard Horsley
North Dakota State University
Design, Analyze, and Predict: Open-
Source Tools to Advance Breeding
and Screening for FHB Resistance

1:40PM + Industry Perspective



Molly Miller, North American
Millers' Association (NAMA)
Better Together: Industry Relationships
with Research Are More Important
Than Ever

2:05PM

General Session 1 + USWBSI Impacts & Insights: Strategic FHB Research Outcomes and Emerging Needs

Colorado Ballroom A-E, Lower Level 2 | Moderators: Esten Mason & Lisa Vaillancourt, FOC Co-Chairs

2:10PM + MGMT



Pierce Paul
Ohio State University
More Fungicides Than Ever
for FHB/DON Management:
How Good are They?

2:20PM + FST



Mark Busman
USDA-ARS
Food Safety and Toxicology (FST):
Research Accomplishments and
Analytical Support

2:26PM + GDER



Harold Trick
Kansas State University
An Overview of the GDER:
Recent Accomplishments and
Future Directions

2:32PM + PBG



Christopher Toomajian
Kansas State University
An Update for Pathogen
Biology and Genetics (PBG):
Accomplishments and Challenges

2:38PM + VDHR-Wheat



Rick Boyles
Clemson University
Variety Development to Improve
Wheat's Resistance to Fusarium
Head Blight: Tremendous Progress
with Some Unfinished Business

2:50PM + BAR-CP



Tom Baldwin
North Dakota State University
Barley Coordinated Project:
Advancing FHB Resistance through
Breeding, Genomics and National
Collaboration

Abstract Viewing

Abstracts for all of the presentations and posters are available on the NFHB Forum Abstract Viewing page at <https://scabusa.org/forum/abstracts/abstracts.php?fy=2025>



For quick mobile access to all the abstracts try this Online Abstract QR code

Sunday, December 7 (continued)

2:56PM + Panel

Facilitated Panel Discussion with all the USWBSI RA/CP Chairs

Esten Mason & Lisa Vaillancourt, FOC Co-Chairs

3:15PM

Networking Break

Colorado Ballroom Lobby

3:35PM

General Session 2

Colorado Ballroom A-E, Lower Level 2 | Moderators: Harold Trick and Nidhi Rawat, GDER Representatives

3:40PM + GDER



Vijay Tiwari

University of Maryland

Genomics Tools and Germplasm
Resources to Enhance FHB-
Resistance Genes in Wheat

4:15PM + MGMT



Darcy Telenko

Purdue University

Research Needs in Organic Grain
Production

4:35PM

Poster Competition Session – Graduate Student Finalists

Colorado Ballroom A-E, Lower Level 2 | Moderators: Harold Trick and Nidhi Rawat, GDER Representatives

Graduate Student Poster Competition finalists present for final judging round.

5:15PM

Poster Session & Reception

Denver Ballroom, Lower Level 2

5:30-6:15PM

Even Numbered Posters

Authors Present to Answer Questions

(See pages 11-15 for Poster Author details.)

Special Thanks to our Sponsors for the Reception Beer Donations



6:30-8:00PM

National FHB Forum Dinner

Colorado Ballroom A-E, Lower Level 2

6:30-7:15PM

Dinner Service and Networking

7:15-8:00PM

USWBSI Excellence Awards Ceremony

This inaugural recognition program honors individuals and teams making outstanding contributions to reducing the impact of Fusarium Head Blight (FHB) on wheat and barley. These awards celebrate not only scientific innovation but also the spirit of collaboration and advocacy that drives the FHB research community forward. All awardees will be presented with their awards, and the Lifetime Achievement Awardee will provide a presentation.

8:15-9:45PM

Early Career Social (coordinated by GPFHB)

The Loft (off main hotel lobby) | Organizers: Lawrence Tidakbi and Simran Goyal

The Graduate Students and Post-Docs in FHB (GPFHB) invite all post-docs and graduate students to learn more about the GPFHB efforts and get to know your fellow peers while you socialize.

Special Thanks to our Dinner Sponsor



Monday, December 8

7:00-9:00AM

Breakfast

Colorado Ballroom F, Lower Level 2



Breakthrough Breakfast – Join your colleagues for breakfast (included in registration) and dive into open discussions on topics suggested by attendees or grab any table and start your own discussion.

8:00AM-5:30PM

Registration Open

Lower Level 2

8:00AM-5:00PM

Poster Room Open for Viewing

Denver Ballroom, Lower Level 2

8:30AM-1:30PM

USWBSI Breakout Sessions

All attendees are welcome to attend; meeting rooms are on both Lower Level 1 and Lower Level 2.

Research Area Acronyms

FST - Food Safety & Toxicology
 GDER - Gene Discovery and Engineering Resistance
 MGMT - FHB Management
 PBG - Pathogen Biology and Genetics
 VDHR - Variety Development and Host Resistance

	Lower Level 2	Lower Level 1					
MONDAY	Colorado G-I	Penrose	Mattie Silks	Matchless	Independence	Silverton	Gold Coin
7:30AM		7:30-8:30AM VDHR Joint Session Facilitator: Nicholas Santantonio					
8:30AM	8:30-10:00AM USWBSI T3 Breeders DB Workshop Facilitator: Jean-Luc Jannink	<i>Discussion on implementing standards and reevaluating strategies for efficacy in regional and uniform nurseries.</i>	8:30-10:00AM FHB MGMT Breakout Chair: Marty Chilvers	8:30-10:00AM GDER Breakout Chair: Harold Trick	8:30-10:00AM PBG Breakout Chair: Christopher Toomajian	8:30-10:00AM FST Breakout Chair: Mark Busman	8:30-10:00AM DUR-CP Breakout Chair: Andrew Friskop
10:00AM	Break Service Location: Lower Level 1 & 2 Foyers						
10:15AM	10:15-11:45AM Advocacy Workshop Facilitators: Ashley McFarland & Molly Miller <i>Learn how to strengthen policymaker/stakeholder connections to amplify FHB research.</i>	10:15-11:45AM IM-CP Breakout Chair: Pierce Paul	10:15-11:45AM BAR-CP Breakout Chair: Tom Baldwin	10:15-11:45AM HWW-CP Breakout Chair: Sunish Sehgal	10:15-11:45AM VDHR-SPR CP Breakout Chair: Jason Cook	10:15-11:45AM VDHR-NWW CP Breakout Chair: Jessica Rutkoski	10:15-11:45AM VDHR-SWW CP Breakout Chair: Rick Boyles

Monday, December 8 (continued)

	Lower Level 2	Lower Level 1					
MONDAY	Colorado G-I	Penrose	Mattie Silks	Matchless	Independence	Silverton	Gold Coin
11:45AM	Buffet Lunch for All Attendees Service Location: Colorado Ballroom F						
12:30PM							
	12:00-1:30PM Ardent Mills Tour <i>Ticketed attendees meet to walk to tour at HQ.</i> (Make sure to have lunch at 11:45AM before leaving for tour.)			12:30-1:30PM USDA Eastern Regional Small Grains Genotyping Lab Breakout Chair: G. Brown-Guedira	12:30-1:30PM USDA North Central Small Grains Genotyping Lab Breakout Chair: Jason Fiedler	12:30-1:30PM USDA Western-Pullman Regional Small Grains Genotyping Lab Breakout Chair: Deven See	12:30-1:30PM USDA Central Small Grains Genotyping Lab Breakout Chair: Katherine Jordan
1:30PM	Return to General Session, starts at 1:45PM						

1:45PM

General Session 3

Colorado Ballroom A-E, Lower Level 2 | Moderators: Mark Busman & Zhao Jin, FOC FST Representatives

1:50PM + PBG



Mark Farman

University of Kentucky

Revisiting the Evolutionary History of *Fusarium graminearum*

2:15PM + FST



Silvia Gratz

University of Aberdeen, Scotland

Mycotoxins and Masked Mycotoxins as Potential Food Safety Risks

2:45 PM

Poster Competition Session – Post-Doc Finalists

Colorado Ballroom A-E, Lower Level 2 | Moderators: Mark Busman & Zhao Jin, FOC FST Representatives

Post-Doc Poster Competition finalists present for final judging round (awardees announced at 5:05PM).

Monday, December 8 (continued)

3:20PM

Networking Break

Colorado Ballroom Foyer, Lower Level 2

3:40PM

General Session 4

Colorado Ballroom A-E, Lower Level 2 | Moderators: Clay Sneller and Mike Giroux, FOC VDHR Representatives

3:45PM + VDHR



Cristiano Lemes

Corteva

Corteva Hybrid Wheat and FHB
Resistance Efforts

4:20PM + PBG



Chris Blackman

University of Toronto

The Pan-Genomic Effectome of
the *Fusarium sambucinum*
Species Complex Reveals Novel
Virulence Factors

4:40PM

Flash & Dash Session

Colorado Ballroom A-E, Lower Level 2 | Moderators: Clay Sneller and Mike Giroux, FOC VDHR Representatives

Brief poster presentation highlights by a selection of Graduate Students and Post-Docs.

5:05PM

Announcement of the Poster Competition Awardees

Colorado Ballroom A-E, Lower Level 2 | Moderator: Richard Magnusson

The 2024 National FHB Forum Poster Competition Graduate Student and Post-Doc Awards will be presented.

5:15PM

Poster Session & Reception

Denver Ballroom, Lower Level 2

5:30-6:15PM

Odd Numbered Posters & Poster Competition Awardees

Authors Present to Answer Questions

(See pages 11-15 for Poster Author details.)

6:15-6:45PM

Reception continues

Special Thanks to our Reception Food Sponsors



MINNESOTA WHEAT
RESEARCH & PROMOTION COUNCIL



And our Sponsors for the Reception Beer Donations



**MOLSON
COORS**
beverage
company



**NEW
BELGIUM**
BREWING

7:00PM

Evening on your own to enjoy Denver!

Restaurant suggestions available at registration.

Tuesday, December 9

7:00-9:00AM

Breakfast on Your Own

Walkable options near hotel, listing available at registration.

(Morning break will include bagels and cream cheese, breakfast breads and whole fruit)

8:00AM-12:00PM

Registration Open

Lower Level 2

8:00AM-10:00AM

Poster Room Open for Viewing

Denver Ballroom, Lower Level 2

9:00AM

General Session 5

Colorado Ballroom A-E, Lower Level 2 | Moderators: Mickey Drott and Tom Baldwin, FOC PBG Representatives

9:05AM + PBG



Jin-Rong Xu

Purdue University

Transcriptional Regulation of DON Biosynthesis in *Fusarium graminearum*

9:40AM + MGMT



Alyssa Collins

Penn State University

Cropping with Complexity: How the Diversity of Soft Winter Wheat and Barley Production Systems in the U.S. Challenge Our Scab Management

10:00AM + GDER



Gary Muehlbauer

University of Minnesota

Does Barley Exhibit Genetic Variation for Resistance to *Fusarium* Head Blight?

10:20AM

Networking Break / Poster Authors Remove Posters

Colorado Ballroom Foyer, Lower Level 2

10:45AM

General Session 6

Colorado Ballroom A-E, Lower Level 2 | Moderators: Christina Cowger and Alyssa Collins, FOC MGMT Representatives

10:50AM + MGMT

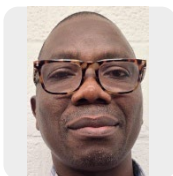


Kaliramesh Siliveru

Kansas State University

Effective Inhibition of Fungal Growth and Mycotoxin Biosynthesis in Wheat Pathogens *Aspergillus* and *Fusarium* spp. Through Pulsed Light Treatment

11:25AM + VDHR



Moshood Bakare

Virginia Tech

The Effect of Weather Conditions on Flowering and the Selection for Loci That Contribute to Durable Resistance

Tuesday, December 9 (continued)

11:45AM

Closing Session

Colorado Ballroom A-E, Lower Level 2

11:50AM :: USWBSI Closing Remarks



Richard Magnusson, USWBSI
Grower Co-Chair, Magnusson Farms

11:55AM

Meeting Adjourns

12:15-4:00PM

USWBSI Steering Committee Luncheon & Meeting (invitation only)

Independence & Penrose, Lower Level 1

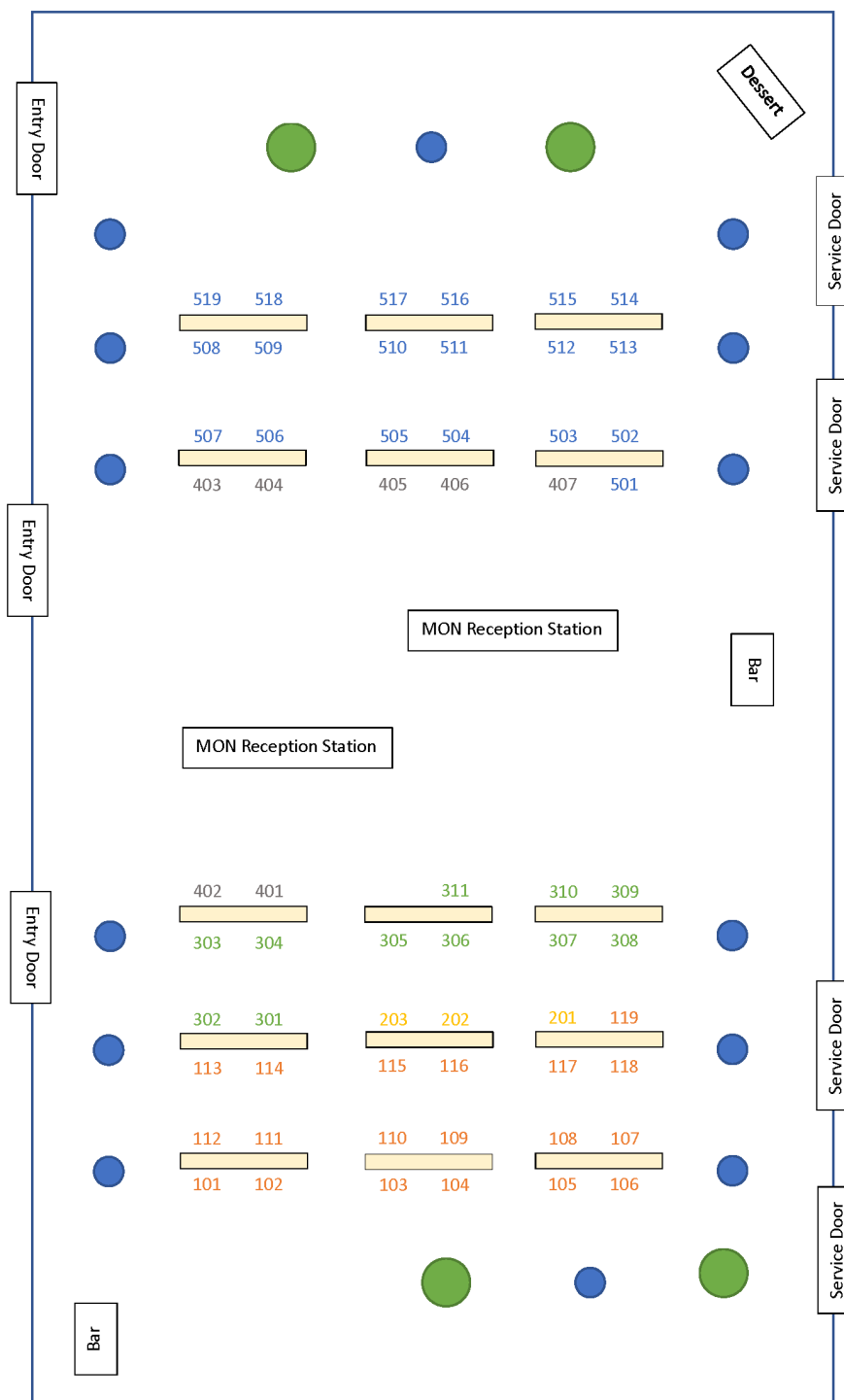
4:00-5:30PM (continues on Wednesday, December 10, 8:30AM-12:00PM)

National Wheat Improvement Committee (NWIC) Meeting

Colorado G-I, Lower Level 2

POSTER AUTHOR SESSIONS + Sunday & Monday

Denver Ballroom, Lower Level 2



Poster Authors Present to Answer Questions

Sunday, December 7 Poster Session

5:30-6:15PM | **Even** Numbered Poster Authors

Monday, December 8 Poster Session

5:30-6:15PM | **Odd** Numbered Poster Authors & Poster Competition Awardees

Onsite Viewing

The Poster Session Room is open Sunday-Tuesday during the Forum in Denver Ballroom.

Virtual Viewing

The [Virtual Poster Room](#) is available in tandem with the live Poster Sessions.



For quick mobile access to all the virtual posters try this QR code

Special Thanks to the 2025 Poster Competition Sponsor:



POSTER PRESENTERS +

Poster #	Category	Presenter Name	Institution	Title
101	FHB Management (MGMT)	Baker, Gloria	Michigan State University	Fusarium Head Blight: Species Concepts in the Midwest and East Coast
102		Castegnara, Luan	Kansas State University	Dual Fungicide Applications for Fusarium Head Blight Management in Winter Wheat: Results From the IM-CP UFT in Kansas, 2024-25
103		Choi, Sunkyu	Michigan State University	Image Analysis-Based, High-Throughput Screening for Fungicide Sensitivity to Pydiflumetofen and Tebuconazole in U.S. FHB Populations
104		Chonza, Joseph	The Ohio State University	Quantifying the Additive Effects of a Sequential Fungicide Treatment Program FHB and DON Management in SRWW in Ohio
105		Chonza, Joseph	The Ohio State University	Rainfastness and Efficacy of Fungicides for Management of Fusarium Head Blight in Soft Red Winter Wheat
106		de Moraes Chitolina, Gabriel	University of Kentucky	Effect of Fungicides on Winter Barley Yield and Deoxynivalenol Contamination of Harvested Grain in Kentucky
107		Flores Guzman, Jose	Kansas State University	The Role of Seeding Rates When Integrated with Fungicide Applications and Genetic Resistance in Fusarium Head Blight Management in Kansas
108		Gautam, Sujan	University of Nebraska-Lincoln	Integrated Management of Fusarium Head Blight in Winter Wheat in Nebraska
109		Gehrke, Luis	University of Illinois	Unexpected Effects of Trinexaoc-ethyl on Fusarium Head Blight Severity and Yield in Wheat
110		Hagemann, Anna	South Dakota State University	Optimizing Fungicide Application to Protect Yield and Mitigate Accumulation of Mycotoxins in Wheat Under High Disease Pressure
111		Hansen, Bryan	North Dakota State University	Summary of North Dakota Uniform Fungicide Efforts from 2022 to 2025
112		Kikway, Isaack	The Ohio State University	Fusarium Head Blight Management Coordinated Project: Uniform Fungicide Trials 2025
113		Kikway, Isaack	The Ohio State University	Fusarium Head Blight Management Coordinated Project: Integrated Management Trials 2025
114		Kumari, Karishma	South Dakota State University	Get Spike Level FHB Screening on Real-Time Interface Before You Reach the Office
115		Perez, Ignacio Agustin	University of Illinois	Efficacy of Drone-Based Fungicide Applications for Control of Fusarium Head Blight in Illinois Wheat
116		Shittu, Olanrewaju	Penn State University	Exploring Stakeholder Perceptions and Strategies for Fusarium Head Blight Management and Wheat Variety Selection
117		Singla, Shiv	University of Delaware	Efficacy of Fungicide Applications for Management of FHB Across Wheat Varieties in Delaware
118		Turner, Kathryn	The Land Institute	Approach to Addressing FHB and Other Disease Threats in Novel Perennial Grain Crops Such as Kernza®
119		Wang, Xiben	Agriculture and Agri-Food Canada	Sensitivity of <i>Fusarium</i> Species Causing Fusarium Head Blight of Barley in Manitoba to Triazole Fungicides

Poster #	Category	Presenter Name	Institution	Title
201	Food Safety & Toxicology (FST)	Kunapareddy, Anil	North Dakota State University	Decontamination of Fungal and <i>Fusarium</i> Mycotoxins in Wheat Grains Using Natural Photosensitizers
202		Sun, Chaofan	North Dakota State University	High-Throughput LC-MS Quantification of Single-Kernel Mycotoxins to Identify <i>Fusarium</i> Damaged Kernels in Barley and Wheat
203		Sun, Tian	North Dakota State University	Rapid Quantification of <i>Fusarium</i> Damaged Kernels in Barley Using Hyperspectral Imaging and Machine Learning
301	Gene Discovery & Engineering Resistance (GDER)	Di, Rong	Rutgers University	Barley Genetic Engineering Facility for FHB Research Community
302		Ganesan, Prem Kumar	University of Maryland College Park	Overexpression of Wheat Pore-Forming Toxin-like Gene in Transgenic Plants of Tomato and Strawberry Provides Broad Spectrum Resistance to Fungal Pathogens
303		Goyal, Simran	University of Maryland College Park	High-Resolution Mapping of a Conserved <i>Fusarium</i> Head Blight Susceptibility Factor <i>Sf-Fhb-7AS</i> in Wheat
304		Islam, Md Ashraful	University of North Texas	Disruption of <i>NPR3</i> and <i>NPR4</i> Genes in Wheat Confers Resistance to <i>Fusarium graminearum</i>
305		Jiang, Wei	South Dakota State University	Enhanced <i>Fusarium</i> Head Blight Resistance in <i>Fhb7</i> Transgenic Barley and Wheat
306		Knight, Jaime	Kansas State University	Ancestral Germplasm as a Source of <i>Fusarium</i> Head Blight Resistance in Bread Wheat
307		McLaughlin, John	Rutgers University	From In Silico to Function: A Bioinformatic Workflow for Discovering Novel Multi-Domain Lipid Transfer Proteins (nsLTPs)
308		Mittal, Isha	University of North Texas	Integrated Host-Pathogen Transcriptomics Elucidates the Role of Wheat <i>Lpx3</i> in <i>Fusarium</i> Head Blight Resistance
309		Muehlbauer, Gary	University of Minnesota	The Role of the UDP-glucosyltransferase UGT13248 in Resistance to <i>Fusarium</i> Head Blight: What it Can and Cannot Do
310		Rauf, Yahya	Texas A&M AgriLife Research	Discovering Marker-Trait Associations for <i>Fusarium</i> Head Blight and Kernel Traits in Texas Wheat Breeding Lines
311		Thapa, Sittal	North Dakota State University	Transcriptomic Study to Reveal Genes Governing <i>Fusarium</i> Head Blight Resistance in Durum Genotypes with Introgressed Major Resistance Genes

Poster #	Category	Presenter Name	Institution	Title
401	Pathogen Biology & Genetics (PBG)	Chowdhury, Sumit	Kansas State University	A Pangenome Graph Approach to Characterize Genomic Variation in <i>Fusarium graminearum</i>
402		Gopisetty, Sandhya	Kansas State University	Differential Response of <i>Fusarium graminearum</i> Isolates to DMI Fungicides
403		Gupt, Shiwarttan Kumar	The University of Georgia	Assessment of Pathogenicity and Aggressiveness of <i>Fusarium poae</i> on Wheat and Barley
404		Ikpeni, Ogheneyoma	University of Kentucky	Competitiveness of Segregating 3ADON versus 15ADON <i>Fusarium graminearum</i> Progeny on Susceptible Wheat, With or Without Fungicides
405		Mideros, Santiago	University of Illinois	Effect of Resistance on <i>Fusarium graminearum</i> Populations
406		Navasca, Abbeah Mae	North Dakota State University	Genome-Wide Perspectives on <i>Fusarium graminearum</i> Adaptation in Barley, Soybean, and Potato
407		Poursafar, Alireza	North Dakota State University	Chemotypes, Population Structure and Genome-wide Association Study of <i>Fusarium graminearum</i> Isolates Collected From Eastern North Dakota and Western Minnesota
501	Variety Development and Host Resistance (VDHR)	Acevedo, Maricelis	Cornell University	Improvement of Wheat Disease Resistance Through the Global Wheat Health Alliance (GWhA) Project
502		Billow, Emily	Colorado State University	Advancing Wheat Resistance to Fusarium Head Blight through Genomic Prediction
503		Brault, Charlotte	University of Minnesota	30 Years of Breeding for Fusarium Head Blight Resistance in Wheat: A Success Story
504		Charif, Ahmed	University of Nebraska-Lincoln	Strengthening Durum Wheat Resistance Against Fusarium: <i>Fhb7^{The2}</i> Delivers Consistent Resistance Across Diverse Cultivars
505		Doohan, Fiona	University College Dublin	Genomics and Functional Genomic Studies Reveal Novel Host Resistance Mechanisms and Microbiome Roles in Cereal Defense Against Pathogens
506		Engel, Megan	Montana State University	Improving Montana Durum Wheat Production through Utilization of <i>Fhb1</i> , <i>Fhb5</i> , and <i>Fhb7^{The2}</i>
507		Gillum, Maggie	University of Kentucky	Effects of FHB Resistance QTL and Nitrogen Rate on Agronomic and Quality Traits of SRW Wheat
508		Li, Xuehui	North Dakota State University	Developing Durum Wheat Germplasm with Fusarium Head Blight Resistance Through Interspecific Crosses
509		Lyerly, Jeanette	North Carolina State University	The 2025 Uniform Southern Soft Red Winter Wheat Scab Nursery
510		Nafchi, Ali M	South Dakota State University	Head-by-Head AI for High-Throughput FHB Scoring in Wheat & Barley
511		Ncube, Edson	North Dakota State University	Assessment of DON Accumulation in Durum Wheat Across North Dakota Variety Trial Sites
512		Olson, Eric	Michigan State University	Response to Early Generation Selection for Resistance to Fusarium Head Blight and Stripe Rust in Winter Wheat Breeding Populations

