



PROGRAM

As of: 11/25/12

2012 National Fusarium Head Blight Forum*

Wyndham Orlando Resort
Orlando, Florida USA
December 4-6, 2012

PRE FORUM MEETINGS

Monday, December 3rd

8:00 am-5:00 pm	National Wheat Improvement Committee Meeting <i>Location: Oleander A</i> <i>Contact: Brett Carver, Oklahoma State University</i>
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Tuesday, December 4th

8:00 am-12:00 pm	Wheat Crop Genetics Meeting <i>Location: Oleander A</i> <i>Contact: Kim Campbell, Washington State University</i>
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8:30 am-12:00 pm	Communicating to Build Trust Workshop <i>Location: Oleander B</i> <i>Contact: Jane DeMarchi, National Association of Wheat Growers</i>
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FORUM Begins

Tuesday, December 4th

8:30 am-5:00 pm	REGISTRATION <i>Location: Palms Ballroom Prefunction – near Palms C-D</i>
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9:30 am-12:45 pm	Authors set up posters <i>Location: Palms Ballroom B-D</i>
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* All speaker sessions will be held in Palms Ballroom E. All poster presentations will be held in Palms Ballroom B-D. Forum Office is located in Azalea B.

Tuesday, December 4th *(cont.)*

1:00-1:30 pm	<p>Welcome and Keynote Speaker <i>Location: Palms Ballroom E</i></p> <p>Welcome Dave Van Sanford, University of Kentucky, Lexington, KY, USA Co-Chair, U.S. Wheat & Barley Scab Initiative</p> <p><i>Fishing vs. Scab?</i> John Weinand, North Dakota Grain Growers Association, Mandan, ND, USA</p>
1:30-3:00 pm	<p>SESSION 1: FHB MANAGEMENT (MGMT) CO-CHAIRPERSONS: Gary Bergstrom, Cornell University and Gene Milus, University of Arkansas <i>Location: Palms Ballroom E</i></p> <p><i>Can we Effectively Control Scab and DON Levels in Large Scale Commercial Farming?</i> Chris Bowley, Wheat Tech, Inc., Russelville, KY, USA</p> <p><i>Known Knowns and Known Unknowns: Assessing Adoption of Scab Management Tools</i> Christina Cowger, USDA-ARS, Raleigh, NC, USA</p> <p><i>FHB Management: Progress and Possible Knowledge Gaps</i> Erick DeWolf, Kansas State University, Manhattan, KS, USA</p> <p><i>Management of FHB in Spring Grains - Lessons Learned, Past Successes, Future Needs</i> Marcia McMullen, North Dakota State University, Fargo, ND, USA</p>
3:00 pm	<p>BREAK <i>Location: Palms Ballroom Foyer – outside E</i></p>
3:30-4:30 pm	<p>SESSION 2: FOOD SAFETY AND TOXICOLOGY (FST) CHAIRPERSON: Jim Pestka, Michigan State University <i>Location: Palms Ballroom E</i></p> <p><i>DON – Past, Present and Future</i> David Miller, Carleton University, Ottawa, ON, CANADA</p> <p><i>Quality Assurance Issues in DON Testing</i> Paul Schwarz, North Dakota State University, Fargo, ND, USA</p>
4:30-6:00 pm	<p>Poster Session 1: MGMT, FST and Other Papers (Authors with posters in this poster session should be at their posters from 4:45-5:30 pm) <i>Location: Palms Ballrooms B-D</i></p>

Tuesday, December 4th *(cont.)*

5:30-6:30 pm	RECEPTION <i>Location: Inside Palms Ballroom C and Palms Ballroom C Foyer</i>
6:30-8:00 pm	DINNER <i>Location: Palms Ballrooms F-H</i>
8:00-9:30 pm	Winter Wheat TCAP <i>Location: Executive Boardroom</i>

Wednesday, December 5th

6:30-8:15 am	BREAKFAST – Full Breakfast Buffet <i>Location: Palms Ballroom F-H</i>
8:00 am-4:30 pm	REGISTRATION <i>Location: Forum Office – Azalea B</i>
8:15-9:40 am	SESSION 3: VARIETY DEVELOPMENT AND HOST PLANT RESISTANCE (VD-HPR) CO-CHAIRPERSONS: Fred Kolb, University of Illinois and Jochum Wiersma, University of Minnesota – Crookston <i>Location: Palms Ballroom E</i> <i>Overview of Breeding for FHB Resistance in Wheat – Where We’ve Come From and Where We Are</i> Jim Anderson, University of Minnesota, St. Paul, MN, USA <i>Is the Fusarium Head Blight Resistance in Truman Soft Red Winter Wheat Novel?</i> Anne McKendry, University of Missouri, Columbia, MO, USA <i>Impact of Private Breeding Effort on Resistance to Fusarium Head Blight in Soft Wheat</i> Bill Lasker, Pioneer Hi-bred International, Windfall, IN, USA
9:40 am	BREAK <i>Location: Palms Ballroom E Foyer</i>
9:55 am-11:25 am	Poster Session 2: VD-HPR (Authors with posters in this poster session should be at their posters from 10:15-11:00 am) <i>Location: Palms Ballroom B-D</i>
11:25 am-12:15 pm	SESSION 3: VARIETY DEVELOPMENT AND HOST PLANT RESISTANCE (cont.) <i>Location: Palms Ballroom E</i> <i>Genotype by Sequencing and Marker Assisted Selection: Breaking the Bottleneck</i> Robert Brueggeman, North Dakota State University, Fargo, ND, USA

Wednesday, December 5th (cont.)

11:25 am-12:15 pm	<p>SESSION 3: VARIETY DEVELOPMENT AND HOST PLANT RESISTANCE (cont.) <i>Location: Palms Ballroom E</i></p> <p><i>Genetic Analysis of Fusarium Head Blight Resistance in Tunisian-derived Durum Wheat Populations</i> Shahryar Kianian, North Dakota State University, Fargo, ND, USA</p>
12:15-1:30 pm	<p>LUNCH <i>Location: Palms Ballroom F-H</i></p>
1:30-2:45 pm	<p>FOCUSED GROUP DISCUSSIONS</p> <ul style="list-style-type: none"> ❖ FHB Management (MGMT) <i>Location: Orange</i> Facilitator: Erick DeWolf ❖ Food Safety, Toxicology & Utilization of Mycotoxin-contaminated Grain (FSTU) <i>Location: Siesta Key</i> Facilitator: Paul Schwarz ❖ Gene Discovery & Engineering Resistance (GDER) <i>Location: Marathon Key</i> Facilitator: Gary Muehlbauer ❖ Pathogen Biology & Genetics (PBG) <i>Location: Cedar Key</i> Facilitator: David Schmale ❖ Variety Development and Host Resistance (VDHR) – Northern Soft Winter Wheat (NWW) <i>Location: Palms Ballroom E</i> Facilitator: Clay Sneller ❖ VDHR – Southern Soft Red Winter Wheat (SWW) <i>Location: Hibiscus</i> Facilitator: Jose Costa ❖ VDHR – Spring Wheat Coordinated Project (SPR) <i>Location: Oleander B</i> Facilitator: Jochum Wiersma
2:45-4:00 pm	<p>FOCUSED GROUP DISCUSSIONS – Research Areas and VDHR-Spring Wheat will continue their group discussions along with the following:</p> <ul style="list-style-type: none"> ❖ Barley Coordinated Project (BAR-CP) <i>Location: Palms Ballroom I</i> Facilitator: Robert Brueggeman

Wednesday, December 5th (cont.)

2:45-4:00 pm	FOCUSED GROUP DISCUSSIONS (cont.) <ul style="list-style-type: none"> ❖ Durum Coordinated Project (DUR-CP) <i>Location: Executive Boardroom</i> Facilitators: Steven Xu ❖ Hard Winter Wheat Coordinated Project (HWW-CP) <i>Location: Largo Key</i> Facilitator: Bill Berzonsky ❖ VDHR –Soft Winter Wheat Coordinated Projects Joint Meeting <i>Location: Palms Ballroom E</i> Facilitators: Clay Sneller and Jose Costa ❖ GDER and PBG Joint Meeting (3:15-4:00 PM) <i>Location: Marathon/Cedar Keys</i> Facilitators: Gary Muehlbauer and David Schmale
4:00-4:15 pm	BREAK <i>Location: Palms Ballroom E Foyer</i>
4:15-5:45 pm	Poster Session 3: PBG and GDER (Authors with posters in this poster session should be at their posters from 4:30-5:15 pm) <i>Location: Palms Ballroom B-D</i>
5:15-6:15 pm	RECEPTION <i>Location: Inside Palms Ballroom C and Palms Ballroom C Foyer</i>
6:15 pm	Session Adjourns <i>Participants are on their own for dinner.</i>

Thursday, December 6th

6:30-8:15 am	BREAKFAST – Full Breakfast Buffet <i>Location: Palms Ballroom F-H</i>
8:30-10:00 am	SESSION 4: PATHOGEN BIOLOGY AND GENETICS CHAIRPERSON: Jin-Rong Xu, Purdue University <i>Location: Palms Ballroom E</i> <p><i>The Impact of the Fusarium graminearum Genome Sequence on the Quest for Control of Head Blight</i> Frances Trail, Michigan State University, East Lansing, MI, USA</p> <p><i>Regulation of Mycotoxin Production and Kinome Analysis in Fusarium graminearum</i> Chenfang Wang, Northwest A & F University, Yangling, Shaanxi Province, CHINA</p>

Thursday, December 6th (cont.)

8:30-10:00 am	SESSION 4: PATHOGEN BIOLOGY AND GENETICS (cont.) <i>Comparative Genomics Reveals New Insights into the Evolution of Fusarium Pathogenesis in Wheat</i> Kemal Kazan, CSIRO Plant Industry, Inc., Brisbane, Queensland, AUSTRALIA
10:00-10:20 am	BREAK <i>Location: Palms Ballroom E Foyer</i>
10:20-11:50 am	SESSION 5: GENE DISCOVERY AND ENGINEERING RESISTANCE CHAIRPERSON: Nilgun Tumer, Rutgers University <i>Location: Palms Ballroom E</i> <i>Developing Fusarium Head Blight Resistant Wheat</i> Gary Muehlbauer, University of Minnesota, St. Paul, MN, USA <i>Genetic and Genomic Approaches for Managing Fusarium Pathogens Causing Head Blight and Crown Rot in Wheat</i> Kemal Kazan, CSIRO Plant Industry, Inc., Brisbane, Queensland, AUSTRALIA <i>Lipid Transfer Proteins Confer Resistance to Trichothecenes</i> Anwar Bin-Umer and John McLaughlin, Rutgers University, New Brunswick, NJ, USA
11:50 am	TAKING CARE OF BUSINESS AND CLOSING REMARKS <i>Location: Palms Ballroom E</i> Art Brandli, USWBSI Co-Chair
12:00 pm	FORUM ADJOURNS
POST FORUM MEETINGS	
1:00-4:30 pm	USWBSI Steering Committee (SC) Meeting (Closed meeting - SC members only) <i>Location: Oleander A</i>