U.S. Wheat & Barley
Scab Initiative

AGENDA
2000 Fusarium Head Blight Forum
Sunday December 10, 2000 – Tuesday December 12, 2000
Holiday Inn Cincinnati-Airport

Sunday December 10th

1:00 p.m. – Opening Remarks (Location: Boone)

FOOD SAFETY, TOXICOLOGY AND UTILIZATION

1:10 p.m. – Tine Kuiper-Goodman, Health Canada, Food Directorate
Risk Assessment of Deoxynivalenol in Cereal Grains

1:55 p.m. – James Pestka, Michigan State University
Toxic Effects of Deoxynivalenol on Cell and Immune Function

2:25 p.m. – Open Discussion

3:10 p.m. – Break

3:30 p.m. – Poster Session (Food Safety, Toxicology & Utilization; and Epidemiology and Disease Management - **Authors will be at their posters**.)

EPIDEMIOLOGY AND DISEASE MANAGEMENT

4:15 p.m. – Erick De Wolf, Ohio State University
Disease forecasting/risk assessment model development for FHB

4:45 p.m. – Larry Madden, Ohio State University
Discussion - Epidemiology and disease forecasting

5:15 p.m. – Robert Bowden, Kansas State University
Pathogen population diversity/genetics

5:45 p.m. – Francis Trail, Michigan State University
Discussion – Pathogen population diversity and biological impact

6:30 p.m. – RECEPTION/DINNER (Location: Boone)

Monday, December 11th

6:45 a.m. – BREAKFAST (Location: Terrace)

CHEMICAL AND BIOLOGICAL CONTROL

7:45 a.m. - Poster Session (Chemical and Biological Control - **Authors will be at their posters**.)

8:15 a.m. – Marcia McMullen, North Dakota State University
Progress and Prospects with Chemical Control

Gene Milus, University of Arkansas
Results of the 2000 Uniform Wheat Fungicide Trials

8:45 a.m. – Gary Bergstrom, Cornell University
Opportunities for Biocontrol in the Integrated Management of Fusarium Head Blight.
Wilmar Luz, Embrapa Trigo, Brazil
Experiences with Biocontrol of Fusarium head blight in Brazil

9:40 a.m.- Open Discussion

10:20 a.m. – BREAK

BIOTECHNOLOGY

10:30 a.m. – Poster Session (Biotechnology - **Authors will be at their posters**.)

11:30 a.m. – James Anderson, University of Minnesota
A protocol for marker-assisted selection of a Fusarium head blight gene derived from Sumai 3

12:15 p.m. – LUNCH (Location: Terrace)

1:30 p.m. - Ann Blechl, USDA-ARS
Expression of candidate anti-fusarium protein genes in hexaploid wheat

2:15 p.m. – Open Discussion

3:15 p.m. – BREAK

GERMPLASM INTRODUCTION & ENHANCEMENT

3:45 p.m. – Poster Session (Germplasm Introduction & Enhancement - **Authors will be at their posters**.)

Monday, December 11th (cont.)

4:15 p.m. – Anne McKendry, University of Missouri
Broadening the Genetic Base for Scab Resistance Through a CIMMYT/National Scab Initiative Partnership

5:00 p.m. – Open Discussion

6:15 p.m. – RECEPTION/DINNER (Location: Boone)

Tuesday, December 12th

6:45 a.m. – BREAKFAST (Location: Terrace)

VARIETY DEVELOPMENT AND UNIFORM NURSERIES

7:45 a.m. – Poster Session (Variety Development and Uniform Nurseries - **Authors will be at their posters**).

8:45 a.m. – Bill Bushnell,
The Need for Uniformity in Designating Types of Scab Resistance

9:15a.m. – Progress Reports
Jim Anderson, Organization
FHB Resistance in Hard Spring and Winter Wheat
Rich Horsley, North Dakota State University
FHB Resistance in Barley

10:00 a.m. – BREAK

10:20 a.m. – Progress Reports (cont.)
Elias Elias, North Dakota State University
FHB Resistance in Durum
Herb Ohm, Purdue University
FHB Resistance in Soft Winter Wheat

10:55 a.m. – Open Discussion

11:45 a.m. – Rick Ward
Update on the U.S. Wheat & Barley Scab Initiative

12:15 p.m. - Adjourn

NCR-184 Meetings (Everyone Welcome)
Sunday, 8:00 p.m. – Open Discussion
Monday, 7:30 p.m. – Business Meeting