

Barley Improvement Conference & Barley Coordinated Agricultural Project Meeting

TUESDAY, JANUARY 11, 2011 – *Fiesta Patio*

7:00 - 9:00 PM Meeting Material Pickup

7:00 - 10:00 PM Hospitality & Reception

WEDNESDAY, JANUARY 12, 2011 – *La Palma Room*

7:30 AM Meeting Material Pickup, Continental Breakfast

World Barley Situation

8:30 - Welcome & Research & Production Trends in the US

Mike Davis, American Malting Barley Association

9:10 - Research & Production Trends in the UK & Europe

Robbie Waugh, Scottish Crop Research Institute

9:50 - Research & Production Trends in Australia

Jason Eglinton, University of Adelaide

10:30 - Break

10:40 - Research & Production Trends in Mexico

Marcos Peñalva, Impulsora Agrícola

11:20 - Research & Production Trends in Canada

Michael Brophy, Brewing and Malting Barley Research Institute

12:00 PM LUNCH - *El Pueblo Room*

Barley CAP Meeting

1:00 - Barley CAP Summary

Gary Muehlbauer, University of Minnesota

1:20 - Barley CAP eXtension Efforts

Peggy Lemaux, University of California-Berkeley &

Brian Steffenson, University of Minnesota

1:50 - Food Quality Barley

Byung-Kee Baik, Washington State University

2:10 - Association Mapping of Food Quality Traits

Steve Ullrich & Jeff Endelman, Washington State University

2:30 - The Hordeum Toolbox - The Triticeae Toolbox

Dave Matthews, USDA-ARS. GrainGenes

2:50 - Towards an Improved Barley SNP Map

Maria Muñoz-Amatriaín, University of Minnesota

3:10 Break

3:30 - Genotyping-by-sequencing in Barley and Wheat

Jesse Poland, Kansas State University

4:00 - Applying and Extending the Tools of the Barley CAP from Oregon to Latin America

Ariel Castro, Universidad de la Republica, Uruguay

4:30 - What We Have Achieved in AGUOEB – The UK's Version of Barley CAP

Robbie Waugh, Scottish Crop Research Institute

6:00 PM HOSPITALITY – *El Pueblo Room*

7:00 PM BANQUET – *El Pueblo Room*

GM IN SMALL GRAINS

DR. WILLIAM WILSON

Distinguished Professor, Department Agribusiness & Applied Economics, North Dakota State University

THURSDAY, JANUARY 13, 2011 – *La Palma Room*

Research Strategy Panels

8:15 – 9:15 AM DISEASES

Ug99 Stem Rust

Brian Steffenson, University of Minnesota

Diseases in the Midwest

Robert Brueggeman, North Dakota State University

Diseases in the West

Lynn Gallagher, University of California-Davis

Translation of Basic Research to the Field

Roger Wise, USDA-ARS, Ames, IA

9:15 – 10:05 AM BREEDING

Winter Barley

Patrick Hayes, Oregon State University

Midwest Spring Barley

Richard Horsley, North Dakota State University

Western Spring Barley

Don Obert, USDA-ARS, Aberdeen, ID

10:05 AM BREAK

10:20 – 11:10 AM BIOTECHNOLOGY

Transformation

Lynn Dahleen, USDA-ARS, Fargo, ND

Triticeae (Barley & Wheat) CAP

Gary Muehlbauer, University of Minnesota

Genomics & Breeding

Kevin Smith, University of Minnesota

11:10 AM – NOON QUALITY

Quality Evaluation

Al Budde, USDA-ARS, Madison, WI – Cereal Crops
Research Unit

Applied & Basic Quality Research

Paul Schwarz, North Dakota State University &
Paul Sadosky, Summit Brewing Company

AMBA Guidelines

Scott Heisel, American Malting Barley Association
Alex Dwoinen, New Belgium Brewing Company
Gary Hanning, Anheuser-Busch
Sue Kay, MillerCoors

Sponsored by:

American Malting Barley Association, Inc.
Idaho Barley Commission
Minnesota Barley Research & Promotion Council
Montana Wheat & Barley Committee
National Barley Growers Association
North Dakota Barley Council
USDA-NIFA Barley Coordinated Agricultural Project
Washington Grain Commission

**Barley Improvement
Conference & Barley
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Project Meeting**
**KEEPING BARLEY
COMPETITIVE
THROUGH RESEARCH**



Hacienda Hotel
San Diego, California
January 11-13, 2011