

- 8:30 a.m. The influence of soil amendments on organic flax production. Stefan Gailans and Mary Wiedenhoeft, Iowa State University
- 8:45 a.m. Pyraclostrobin Fungicide for Reducing Losses from Pasm Disease in Flax. Scott Halley, Langdon Research Extension Center
- 9:00 a.m. Using the CropCompare System to Evaluate Production Inputs/Outputs for Flax Crop in 2008. Dwight Aakre, NDSU AgriBusiness & Applied Economics
- 9:30 a.m. Flaxseed Agronomics (Market Growth will be limited without major changes). Michelle Vandevoorde, Archer Daniels Midland Corporation
- 9:45 a.m. Flax 2015, Kelley Fitzpatrick, Flax Canada 2015
- 10:00 a.m. Break
- 10:20 a.m. Effects of winds on pollen drift and hybrid seed production of *Linum usitatissimum* L. Zhanhai Dang, Gansu Academy of Agricultural Sciences
- 10:35 a.m. New male-sterile resource with recessive gene (ms) and male sterility influenced by temperature in flax (*Linum usitatissimum* L.) Jianping Zhang, Gansu Academy of Agricultural Sciences
- FOOD WITH FLAXSEED PROCESSING**  
*Cliff Hall III, North Dakota State University, Presiding*
- 11:00 a.m. Evaluation of the Impact of Packaging Methods on the Oxidative Stability of Milled Flaxseed. Mehmet Tulbek, Northern Crops Institute
- 11:15 a.m. Development and characterization of milled flaxseed fortified extruded bean snacks. Naveen Vadukapuram, NDSU Cereal Science
- 11:30 a.m. Affect of Flaxseed Particle Size on Bread Quality. Clifford Hall, NDSU Cereal Science
- 11:45 a.m. Food additives can affect the quality of pasta containing flaxseed flour. Frank Manthey, NDSU Plant Science
- 12:00 a.m. Discussion
- 12:20 p.m. LUNCH – BIRCH - NEWS CONFERENCE AVAILABLE
- 1:30 p.m. BUSINESS MEETING OF THE FLAX INSTITUTE
- 1:50 p.m. Adjourn

62<sup>nd</sup>

# FLAX INSTITUTE

## OF THE UNITED STATES



**March 26-28, 2008**

**Doublewood Inn**

**Fargo, North Dakota**

**PROGRAM**  
of the  
**62nd FLAX INSTITUTE OF THE UNITED STATES**  
Doublewood Inn, Fargo, North Dakota  
March 26-28, 2008

**March 26, 2008, Wednesday, Woodland North**

7:00 p.m. REGISTRATION, snacks, get-acquainted, and discussion.  
NEWS CONFERENCE AVAILABLE

**March 27, 2008, Thursday, Woodland North**

7:30 a.m. REGISTRATION

8:15 a.m. CALL TO ORDER. Introductory remarks and announcements.  
J. J. Hammond, Vice President, Flax Institute

**MANAGEMENT AND REPRODUCTION OF BOVINES**  
Greg Lardy, North Dakota State University, Presiding

8:30 a.m. Evaluation of Milk Components, Fatty Acid Profile, and Production of Cows Fed Rolled Flaxseed on Two Commercial Dairies, Nick Bork, NDSU Animal Science

9:00 a.m. Flaxseed and productivity of dairy cows. Helene Petit, Agriculture and Agri-Food Canada

9:30 a.m. In vitro metabolism of flax lignans by ruminal and fecal microflora of dairy cows. Cristiano Cortes, Agriculture and Agri-Food Canada

10:00 a.m. BREAK – NEWS CONFERENCE AVAILABLE

10:30 a.m. Metabolism of flax lignans in dairy cows. Nathalie Gagnon, Agriculture and Agri-Food Canada

11:00 a.m. Effects of supplemental flaxseed on site and extent of digestion in beef heifers grazing summer pasture in the northern Great Plains. Eric J. Scholljegerdes, USDA-ARS

11:30 a.m. Effects of Feeding Ground Flaxseed During the Receiving Period of Morbidity, Mortality, Performance and Carcass Characteristics of feedlot Heifers.  
Jim Drouillard, Kansas State University

12:00 p.m. DISCUSSION

12:10 p.m. LUNCH – WOODLAND SOUTH - NEWS CONFERENCE AVAILABLE

1:00 p.m. RECONVENE IN – WOODLAND NORTH

**NUTRITION AND HEALTH of PEOPLE AND OTHER ANIMALS**  
Jim Drouillard, KANSAS STATE UNIVERSITY, Presiding

1:15 p.m. Protective Effects of Dietary Flaxseed in Chronic Lung Injury Modeled in Mice.  
Melpo Christofidou-Solomidou, University of Pennsylvania

1:45 p.m. Chemopreventive effects of dietary flaxseed on intestinal cancer development in APC Min mice. Chandradhar Dwivedi, South Dakota State University

2:15 p.m. Flaxseed Intake, Urinary or Seminal Lignan Levels and Prostate Cancer Growth.  
Boyd Switzer, University of North Carolina at Chapel Hill

3:00 p.m. BREAK

3:30 p.m. Flaxseed and bone metabolism: a review of in vivo evidence and potential mechanisms of action. Wendy Ward, University of Toronto

4:00 p.m. Interaction of flaxseed and low dose estrogen on bone metabolism in the ovariectomized rat model of postmenopausal osteoporosis. Sandra Sacco, University of Toronto

4:30 p.m. Which component of flaxseed, with or without tamoxifen, is more effective in reducing human breast tumor growth. Lilian Thompson, University of Toronto

5:00 p.m. DISCUSSION

6:15 p.m. SOCIAL HOUR – WOODLAND SOUTH - NEWS CONFERENCE AVAILABLE

7:00 p.m. DINNER  
J. J. Hammond, Vice President, Flax Institute  
Brief self introductions by all attending.

**March 28, 2008, Friday, Walnut**

8:00 a.m. CALL TO ORDER. Introductory remarks and announcements.  
J. J. Hammond, Vice President

**FLAX PRODUCTION**  
Kathleen Grady, South Dakota State University, Presiding

8:02 a.m. Updates on flax diseases in western Canada. Khalid Rashid, Agriculture and Agri-Food Canada

8:15 a.m. Effects of fungicide applications on pasmo, yield and fibre in several flax cultivars in Morden. Khalid Rashid, Agriculture and Agri-Food Canada