March 26, 2010, Friday, Woodland South

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

8:00 a.m. Development and assessment of new male-sterile lines in flax.  
Jianping Zhang, Gansu Academy of Agricultural Science

8:30 a.m. Breeding of a two-line hybrid oil fix, Ho8-2.  
Zhanhai Dang, Gansu Academy of Agricultural Science

9:00 a.m. Promising resistance to pasmo in flax genotypes.  
Khalid Rashid, Agriculture and Agri-Food Canada

9:30 a.m. Efficacy of fungicides in reducing pasmo severity and the yield loss.  
Khalid Rashid, Agriculture and Agri-Food Canada

10:00 a.m. BREAK

10:30 a.m. Evaluation of Ingredients for Improving the Physical and Cooking Qualities of Pasta containing flaxseed flour.  
Frank Manthey, NDSU, Plant Sciences

11:00 a.m. The use of Flaxseed Gum in Frozen Bread Dough.  
Clifford Hall, NDSU, Cereal and Food Sciences

11:30 p.m. LUNCH – Woodland East

1:00 p.m. BUSINESS MEETING OF THE FLAX INSTITUTE

1:30 p.m. Adjourn

63rd FLAX INSTITUTE
OF THE UNITED STATES
March 25-26, 2010
Doublewood Inn
Fargo, North Dakota
March 25, 2010, Thursday, Woodland South

7:30 a.m.  REGISTRATION

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

8:30 a.m.  Flaxseed oil is more effective than lignan in reducing the growth of estrogen sensitive human breast cancer (MCF-7) at high circulating levels of estrogen.  
    Lilian Thompson, University of Toronto

9:00 a.m.  Flaxseed oil increases the effectiveness of the drug trastuzumab (herceptin) in human breast cancer (BT474) overexpressing HER2.  
    Julie Mason, University of Toronto

9:30 a.m.  Combination of Flaxseed and Low-dose Estrogen Therapy on Bone Health in a Rat Model of Postmenopausal Osteoporosis.  
    Sandra Sacco, University of Toronto

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

10:30 a.m.  Chemopreventive Action of Flaxseed Lignans-Protection from Benzo-Alphapyrene Induced Oxidative and Genotoxic Stress.  
    Melpo Christofidou-Solomidou, University of Pennsylvania

11:00 a.m.  Effects of lignans present in flaxseed on human colon adenocarcinoma Caco-2 cells, possible mechanisms of action of flaxseed on colon cancer development in animal models.  
    Xiaoying Zhang, South Dakota State University

11:30 a.m.  Generation of antihypertensive activity during digestion of flaxseed (Linum Usitatissimum L.) protein.  
    Janitha Wanasundara, Agriculture and Agri-Food Canada

12:00 p.m.  DISCUSSION

12:10 p.m.  LUNCH – Woodland East

1:00 p.m.  RECONVENE IN – Woodland South

1:30 p.m.  Total Utilization Flax GENomics (TUFGEN): a Canadian Genomic Initiative.  
    Sylvie Cloutier, Agriculture and Agri-Food Canada

2:00 p.m.  PCR Testing for CDC Triffid Flax.  
    Frank Spiegelhalter, Eurofins GeneScan

2:30 p.m.  A Survey of Tocopherol (Vitamin E) Content in Commercially Bought Flax Supplements.  
    Gerard Engelen, BioProfile Testing Laboratories, LLC

3:00 p.m.  BREAK

3:30 p.m.  Effects of timing of flax feeding on feedlot performance, carcass traits and fatty acid profile in beef muscle.  
    Vern Anderson, NDSU, Carrington Research/Extension Center

4:00 p.m.  Poster Presentations  
    Li Zhao, Gansu Academy of Agricultural Sciences  
    Wei Zhao, Gansu Academy of Agricultural Sciences

5:00 p.m.  DISCUSSION

6:15 p.m.  SOCIAL HOUR - Woodland East

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