

## *Final Program Schedule*

# **Stored Product Protection of Organic Grains and End Products – A National Workshop**

**August 24 & 25, 2005**  
University Inn & Conference Center  
West Lafayette, Indiana

Organized by

Post-Harvest Education & Research Center, Purdue University  
Stored Product Research & Education Center, Oklahoma State University  
Department of Grain Science & Industry Department, Kansas State University

In collaboration with

U.S. Quality Grains Research Consortium (NC-213)  
Organic Trade Association

With support from

U.S. Quality Grains Research Consortium (NC-213)  
Indiana State Department of Agriculture

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Workshop Purpose: This 2-day workshop focuses on current and evolving technologies and best practices consistent with the requirements of the National Organic Program for the protection of organic grains and grain-based end products during their post-harvest handling, storage, transport, warehousing, and distribution.

**Day 1: Wednesday, August 24, 2005**  
**Morning Session: 7:30 AM – 12 Noon**

***Theme: Overview of Regulations and Issues Concerning Post-Harvest Protection of Organic Grains & End Products***

7:30a	Welcome – Indiana State Department of Agriculture Representative
7:45 – 8:30	U.S. and Global Organic Farming Trends - Marketing perspectives and issues involved in considering the organic standards Keynote Speaker: Katherine DiMatteo, Executive Director, Organic Trade Association
8:30 – 9:00	National Organic Program - Regulatory issues and application to production, post-harvest handling and processing of organic grains and end products Speaker: TBA
9:00 – 9:30	Producing and Harvesting of Organic Crops Speaker: Lynn Clarkson, President, Clarkson Grain
9:30-10:00	Post-Harvest Handling and Storage of Organic Crops Speaker: Jim Stewart, Operations Manager, Lundberg Farms
10:00 – 10:15	Break
10:15 – 10:45	Expectations of Food Processors for Organic Compliance Speaker: Jerry Heaps, Organic Ingredients Manager, General Mills
10:45 – 11:15	Sanitation and Hygiene in Processing of Organic Products Speaker: Dr. Steve Kells, Department of Entomology, University of Minnesota
11:15 – 11:45	Sanitation and Hygiene in the Distribution and Retail Channel Speaker: Jeff Weier, Sprague Pest Control
11:45 – 1:00	Lunch

**Day 1: Wednesday, Aug 24 2005**  
**Afternoon Session: 1:00 PM to 5:30 PM**

***Theme: Organic Protection Technologies and Best Practices for Post-Harvest Grains & End Products***

1:00 – 1:45 pm	Heat Treatment of Organic Processing, Milling and Warehousing Structures Speakers: Brian Kimbrough, Armstrong-Hunt Mimoun Abaraw, Temp-Air
1:45 – 2:15	Physical Control Methods: Low Temperature Management Speaker: Dr. Dirk Maier, Department of Agricultural & Biological Engineering, Purdue University
2:15 – 2:45	Controlled Atmospheres: CO <sub>2</sub> and Other Organic Fumigation Technologies Speaker: Dr. Digvir Jayas, Associate Vice President (Research), University of Manitoba, Winnipeg, Canada
2:45 – 3:15	Organic Grain Protectants and Insecticides Speaker: Dr. Bh. “Subi” Subramanyam, Department of Grain Science & Industry, Kansas State University
3:15 – 3:30	Break
3:30 – 4:00	Ozonation Technology to Prevent Insects and Molds Speakers: Dr. Linda Mason, Department of Entomology, and Dr. Charles Woloshuk, Department of Botany & Plant Pathology, Purdue University
4:00 – 4:30	Vacuum and Hermetic Storage Technologies Speaker: Dr. Tom Phillips, Department of Entomology, Oklahoma State University
4:30 – 5:00	Biological Control of Pests Speaker: Dr. Paul Flinn, Biological Research Unit, USDA-ARS Grain Marketing & Production Research Center

**Day 2: Thursday, August 25, 2005**  
**Morning Session: 8:00 AM – 12:00 NOON**

**Theme: Hands-on Exposure to Available Technologies and Best Practices**

8:00 AM – Depart to the Post-Harvest Education & Research Center Pilot Facility

8:30 AM – Hands-on round robin workshop on:

1. Chilled and ambient aeration and ozonation of stored grains
  - Co-Organizers: Dr. Dirk Maier, Dr. Raj Hulasare and Dr. Klein Ileleji, Purdue University
2. Organic grain protectants and biologicals
  - Organizers: Dr. Bh. “Subi” Subramanyam, Kansas State University
3. Controlled atmosphere, vacuum and hermetic storage technologies
  - Co-Organizers: Dr. Digvir Jayas, University of Manitoba, Canada;, Jim Stewart, Lundberg Farms; Edmond Bonjour and Randy Beeby, Oklahoma State University; Dr. Cristiano Casini, INTA Argentina
4. Exclusion tactics for insect and vertebrate pests
  - Co-Organizers: Dr. Steve Kells, University of Minnesota; Dr. Linda Mason, Purdue University
5. Monitoring, trapping & pheromone-based controls for insect pests
  - Organizer: Dr. Tom Phillips, Oklahoma State University
6. Heat treatment of structures
  - Co-Organizers: Mimoun Abaraw, Temp-Air; Brian Kimbrough, Armstrong-Hunt

Noon – Lunch at the University Inn & Conference Center

**Day 2: Thursday, August 25, 2005**  
**Afternoon Session: 1:30 – 3:30 PM**

**Theme: Panel Discussion and White Paper Recommendation Development**

Moderator: Dr. Marshall Martin, Associate Director of Agricultural Research Programs, Purdue University

Panel Members: Ted Rogers, Katherine DiMatteo, Lynn Clarkson, Bryce Lundberg, Jerry Heaps