



2005 Seeds and Breeds Conference
September 11-14, 2005
Gateway Center, Ames, Iowa

**A Conference to Reinvigorate Public Breeding of
Seeds and Animals for a
Healthy 21st Century Agriculture**

Sponsored by: RAFI-USA, The Raymond F. Baker Center for Plant Breeding, The Leopold Center for Sustainable Agriculture

Pre-Conference Field Day Option

Sunday, September 11th, 2:00-5:00pm, Departing from Gateway Center at 1:30pm

Quality Corn, Crop Breeding for Farmers

This Practical Farmers of Iowa Field Day is co-sponsored by Raymond F. Baker Center for Plant Breeding, Iowa State University, Iowa Network for Community Agriculture and The Seeds and Breeds Conference

Tour Full Circle Farm (central Iowa), hosts Don Adams and Nan Bonfils

1579 P Ave., Madrid, IA 50156-7568

(515) 795-3288, FullCircleFarm@opencominc.com.

Nan and Don met on a mountaintop in Kenya and have been farming their 300-acre operation near Ledges State Park in Boone County since 1993. Half of the farm is in timber and pasture, the balance in crop and forage is in transition to organic certification. Forage-fed beef is direct-marketed to appreciative customers, most within a 30-mile radius. In addition, Nan and Don direct-market firewood, organic vegetables, free-range eggs and forage-fed lamb. They live with Don's 94-year-old father Harold, who is still actively farming.

Demonstrations: Organic breeding project nursery. Projects include: new breeding crosses made for protein quality and quantity; white corn breeding materials; simultaneous selection in organic and in conventional systems; seed quality breeding using screened, white, high-protein lines; demonstration of breeding progress in various populations. *Kendall Lamkey, Director of the Raymond F. Baker Center for Plant Breeding, Iowa State University, Walter Goldstein, Michael Fields Agriculture Institute, and Linda Pollak, United States Department of Agriculture - Agriculture Research Service.*

Hayride farm tour (optional)

5:00pm Cash Bar: - Gateway Center/Garden Room

6:00pm Welcome and BBQ: Iowa Pig Roast and Local Foods Buffet - Gateway Center/Garden Room

2005 Seeds and Breeds Conference Agenda

Monday Morning: 8:00am -12:00 noon Garden Room

Conference Opening Session - Session opens with an overview of the 2003 Seeds and Breeds Forum and goal setting for this Conference. A panel of speakers will provide a broad overview of why we need to invigorate Seeds and Breeds, offering visions for the future.

Panel Topics	Presenter
Recap of 2003 S&B Summit	Michael Sligh, RAFI - USA
Plant Breeder Perspective	Bill Tracy, University Of Wisconsin-Madison
Animal Breeder Perspective	Carrie Balkcom, American Grass-Fed Association
Direct Marketing	Matthew Dillon
Break 10:00-10:30	Gallery/Lobby
Farmers Perspective	Ron Rosmann, Rosmann Family Farm
Ecosystem health/farming systems	Don Wyse, University of Minnesota
Food systems/ consumer perspective	Mike Hamm, Michigan State University

Lunch & Speaker 12:00 noon - 1:30pm, North Prairie Room
Climate Change and Possible Impacts on U.S. Plant and Animal Agriculture
Speaker: Gene Takle, Iowa State University

Monday Afternoon: 1:30-6:00pm Garden Room

Panel I - What is working in current plant and animal breeding programs?
A panel of speakers will present information on innovative programs in plant and animal breeding.

Panel Coordinator—Walter Goldstein, Michael Fields Agriculture Institute

Panel Topics	Presenter
What's Working in Vegetable Breeding	Molly Jahn, Cornell University
Breeding Agronomic Crops	Stan Cox, The Land Institute
Modern Breeding Programs for Animals	Phil Sponenburg, Virginia-Maryland Regional College of Veterinary Medicine
Alternative Breeding Strategies in Europe	Edith Lammerts von Bueren, Wageningen University, Netherlands
Break 3:30-4:00	Gallery/Lobby
4:00-5:00pm	Harvest Room, South Prairie, North Meadow, South Meadow
Breakout session will follow panel presentations. Groups will focus on finding gaps in current models and identifying problems with current systems.	
5:00-6:00pm	Plenary Session
Groups report back to whole conference.	
	Garden Room

Cash Bar 6:00-7:00pm - North Prairie Room

Dinner 7:00pm - North Prairie Room

Trends in Consumer Taste: Challenges for Plant and Animal Breeders. Speaker: Dan Barber—Chef and Co-owner of The Blue Hill Restaurant in New York and The Blue Hill and Stone Barns in Pocantico Hills, New York.

Tuesday Morning: 9:00am to 12:30pm Garden Room

Panel II - Building the infrastructure to deliver improved germplasm to farmers and consumers. A panel of speakers will discuss the problems with the current infrastructure that prevent progress in plant and animal breeding programs and restrict connections between producers and consumers.

Panel Coordinator—Bill Tracy, University of Wisconsin-Madison

Panel Topics

Presenter

Technical/ Biological aspects of Development and Delivery of New Cultivars John Navazio
Organic Seed Alliance

Technical/Biological Aspects of Delivering Animal Germplasm Harvey Blackburn
USDA - ARS

Entrepreneurial Aspects of Animal Breeding and Use in the Market Place Alan Moody
Organic Valley

Organic Seed-Production, Sales & Future Maury Johnson
NC + Seeds

Break 10:00-10:30

Gallery/Lobby

10:30-11:30 Harvest Room, South Prairie, North Meadow, South Meadow

Breakout session will follow panel presentations. Groups will focus on finding gaps in current models and identifying problems with current systems.

11:30-12:30 Plenary Session Garden Room
Groups report back to whole conference.

Lunch 12:30-2:00pm - North Prairie Room

Tuesday Afternoon: 2:00-6:30pm Garden Room

Panel III - Developing the tools to implement the infrastructure to deliver improved germplasm: A panel of speakers will discuss the tools needed to build the necessary infrastructure for developing plants and animals for farmers and consumers. Panel will focus on Farm Bill Legislation.

Panel Coordinator—Michael Sligh, RAFI-USA

Panel Topics

Presenter

Research agenda—What is it & What Items Would We Like to Include? Katherine Delate
Iowa State University

Influencing/Impacting Existing Titles (NRI Formula Funding) James Coors
University of Wisconsin

Intellectual Property Rights Keith Aoki
University of Oregon

Public Plant and Animal Breeding (New Initiatives) Steve Zwinger
Northern Plains Sustainable Ag. Society
Don Bixby
American Livestock Breeds Conservancy

Break 4:00-4:30

Gallery/Lobby

4:30-5:30 Harvest Room, South Prairie, North Meadow, South Meadow

Breakout session will follow panel presentations. Groups will focus on finding gaps in current models and identifying problems with current systems.

5:30-6:30 Plenary Session Garden Room
Groups report back to whole conference.

Dinner On Your Own

Wednesday Morning: 8:00am - 12:30pm Garden Room

Panel IV - Developing a plan of action. Develop goals, timelines and milestones based on the findings and discussion of the conference participants. Workgroups may be created to ensure goals become action.

Panel Coordinator - Charlie Brummer, Iowa State University

Panel Topics

8:00-9:30

Synthesis from Conference Section - Outcome Summaries presented by Panel Coordinators.

9:30-10:30

Where We Go From Here, Developing Goals.

Break 10:30-10:45

10:45-11:30

Where We Go From Here, Setting Timelines and Milestones.

11:30-12:30

Plenary Session to Strategize for Future Policy Implementation to Reinvigorate Public Plant and Animal Breeding Representatives from Senators Harkin and Grassley (invited), Kim Leval, Center for Rural Affairs, and Michael Sligh, RAFI-USA

Conference Adjourns 12:30pm

Seeds and Breeds Conference Schedule

Sunday September 11th

5-10pm Cash Bar, Reception and Barbeque Gateway Center/Garden Room

Monday September 12th

8 - 12:00 noon Garden Room Conference Opening Session

12:00-1:30pm Lunch & Speaker North Prairie Room

1:30-6:00pm Garden Room Panel I, Breakouts, Plenary Session

6:00-7:00pm North Prairie Room Cash Bar

7:00-9:00pm North Prairie Room Dinner

Tuesday September 13th

9:00am-12:30pm Garden Room Panel II, Breakouts, Plenary Session

12:30-2:00 North Prairie Room Lunch

2:00-6:30pm Garden Room Panel III, Breakouts, Plenary Session

6:30pm On Your Own Dinner

Wednesday September 14th

8:00am-12:30pm Garden Room Panel IV, Breakouts, Plenary Session

12:30pm Conference Adjourns