International Grains Program

Annual Report 2006 - Table of Contents

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The highlight of 2006 was the completion of the Hal Ross flour mill across from the IGP Conference Center. Our lead story in this report tells about the details of the mill dedication. The Grain Science complex on Kimball Avenue now has three of the five facilities planned. Progress is being made on the Feed Mill/Bio Refinery and we are optimistic that ground breaking for that facility will be in the not too distant future. All of these buildings are built with private funds. The new Hal Ross flour mill costs exceeded $10 million.

We had seventy-three participants from twenty countries attend five short courses and one seminar. This was down from the previous year and was somewhat of a disappointment. Two major factors contributed to the 2006 attendance. Obtaining a visa to the United States now takes in excess of six months. This has discouraged potential participants. The other factor was that revenues decreased for several major commodity organizations; therefore they were unable to sponsor very many participants. Offsetting the low participation on the campus was the fact that IGP staff members traveled overseas on several occasions for the national commodity groups and had presentations to hundreds of potential importers of U.S. grown commodities. These are mentioned on pages eighteen and nineteen.

Participation in 2007 is expected to be up and the short courses planned are on the last page of this report. Eight short courses are already planned for 2007.

Dr. Harvey Kiser, IGP’s senior agricultural economist, retired in June of 2006. Upon retirement he was honored with emeritus status. Dr. Kiser was succeeded by Jay O’Neil. O’Neil has 33 years experience in domestic and international commodity markets. Prior to joining IGP, O’Neil was a commercial consultant for the U.S. Grains Council.

I hope you will read on page seventeen about the distinguished visitors that came to IGP. We had an Iraqi poultry team, a Mexican soybean delegation and Nigerian flour millers, as well as many others. IGP has been an important part of the marketing of U.S. grown corn, grain sorghum, soybeans, and wheat for twenty-nine years and I hope you will read about our activities and share this report with others.
Kansas State University’s Department of Grain Science and Industry dedicated the new Hal Ross flour mill on October 20, 2006. More than 500 guests attended the dedication ceremony.

Hal Ross is a 1949 graduate from K-State in milling science and management in the administrative option. Ross made a lead donation of $2 million to the new flour mill in 2001.

In 1952, Ross received a juris doctorate degree from the University of Kansas School of Law. “Betsy’s Best,” the label of Ross’s family flour milling company, was the ninth largest milling company in the United States at one time. The mill is now owned by Cargill and operated by Horizon Milling.

The dedication ceremony included many speakers including Hal Ross himself, Morton Sosland, editor in chief of Milling and Baking News, Jon Wefald, K-State President, Warren Staley, chairman and chief executive officer of Cargill, Brian Peterson, senior vice-president of corporate affairs for
Archer Daniels Midland Co., in Decatur, Ill., and Calvin Grieter, chief executive officer of Buhler AG. In addition to the dedication, there was also a ribbon cutting, a tour of the flour mill and a gala.

The second flour mill at K-State opened in 1914 in Shellenberger Hall. Its construction followed a fire that destroyed the original flour mill in Waters Hall. The mill allowed students to learn how to mill hard wheat and was manually controlled. The new mill allows students to mill hard wheat, soft wheat and durum using automation not available in 1967.

Buhler, Inc., donated nearly $2.0 million in equipment and monetary donations toward the mill’s future operations. The mill has $3.0 million in equipment donated by nearly 30 equipment services. Classes will start in the new mill in spring 2007.

Kendall McFall, IGP flour miller, explained, “The new mill provides the foundation for the next century of milling instruction at K-State.”

(Opposite Page) The Hal Ross Flour Mill spotlighted with Powercats the night of the dedication ceremony on Oct. 20, 2006. (Below) Distinguished guests at the ribbon cutting ceremony included (from left to right) Fred Fairchild, K-State Department of Grain Science and Industry; Calvin Greiter, Buhler-Switzerland; Fred Cholick, K-State College of Agriculture; Jon Wefald, K-State; Brian Peterson, ADM; Hal Ross; Morton Sosland, Sosland Publishing; and Warren Staley, Cargill. The guests participated in a ribbon cutting ceremony and a gala.
The annual Grain Purchasing short course was held April 24-May 5 at the International Grains Program Executive Conference Center. Fifteen participants from Brazil, Ethiopia, Colombia, Japan, Kenya, Egypt, Mexico, Uganda, Yemen, United Arab Emirates and the United States attended.

Participants received instruction from experts in grain purchasing from Kansas State University’s Department of Grain Science and Industry and Department of Agricultural Economics, the University of Nebraska-Lincoln’s Department of Agricultural Economics, independent consulting firms, U.S. Wheat Associates, BNSF Railway Company, FC Stone, Commodity and Ingredient Hedging, Bunge, and Louis Dreyfus.

Harvey Kiser, then IGP senior agricultural economist, Carl Reed, IGP grain storage technologist, Mark Fowler, IGP director of technical services, and Jay O’Neil, current IGP senior agricultural economist, assisted with instruction.

Participants also had the opportunity for practical experience during a grain grading practicum, a simulation model for purchasing wheat, a simulation case study for purchasing grain, and a feed milling practicum.

Additionally, the short course included an extrusion demonstration, a tour and demonstration of K-State’s pilot flour mill in Shellenberger Hall, and field trips to the Manhattan Coop Elevator in Manhattan, Kan., the Lawrence Strouts farm in Wilsey, Kan., the Federal Grain Inspection Service Technical Center in Kansas City, Mo., and the Kansas City Board of Trade in Kansas City, Mo.

Carl Reed illustrates the differences in kernels during a grain grading lab. Also pictured (from left to right), Chowdhury Kabir, United States; Catalina Guerrero, Colombia; Francisco Salas, Mexico; and Ghassan Ali Abbas, Yemen.

<table>
<thead>
<tr>
<th>Monday, April 24</th>
<th>Tuesday, April 25</th>
<th>Wednesday, April 26</th>
<th>Thursday, April 27</th>
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<tbody>
<tr>
<td>U.S. Grain Production and Marketing System; Harvey Kiser, IGP</td>
<td>Grain Grading Practicum and Inspection; Carl Reed, IGP</td>
<td>U.S. Grain Futures Options; Kiser Futures and Options Problem Sets; Kiser</td>
<td>Grain Storage and Maintaining Quality; Reed Marketing Signals and Acting Upon Them; Alan Brugler, Marketing Consultant</td>
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<tr>
<td>The Why of Futures Markets; Kiser</td>
<td>Molds and Mycotoxins Implications in Buying Grains; Stella Doyungan, K-State Grain Science and Industry Dept.</td>
<td>Contracting and Negotiating; Jay O’Neil, IGP</td>
<td>Importance of Railroads to U.S. Grain Exports; Mignon Diehl, BNSF</td>
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<td>Demonstration of Extrusion; Eric Maichel, K-State Grain Science and Industry Dept.</td>
<td>U.S. Export Grain Inspection System; Mark Fowler, IGP</td>
<td>Extrusion Principles for Food and Feed Products; Sajid Alavi, K-State Grain Science and Industry Dept.</td>
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Friday, April 28
Getting the Quality You Want; John Oades, U.S. Wheat Associates
Visit Manhattan Coop Elevator; Darin Marti
Visit Lawrence Strouts farm; Wilsey, Kansas

Monday, May 1
Visit Federal Grain Inspection Service Technical Center; Kansas City, Missouri
Visit Kansas City Board of Trade; Jeffrey Borchardt
Purchasing Strategies with Current Global Supply and Demand Situation;
Pablo Maluenda, FC Stone

Tuesday, May 2
Calculating the Value of Wheat; Fowler
Simulation Model for Purchasing Wheat; Fowler and Bryan Schurle, K-State Agricultural Economics Dept.
Simulation Case of Purchasing Grain; Susan Southerland and Brendan Dorais, Commodity and Ingredient Hedging, LLC
Historical Development and Current U.S. Agricultural Policies; Brad Lubben, University of Nebraska Agricultural Economics Dept.

Wednesday, May 3
Commercial Financing of Grain Purchases; Porter Little, CoBank
U.S. Soybean Complex; Rich Moneymaker, Bunge
Global Wheat, Corn and Soybean Supply and Demand Impacts on Price; Neal Driscoll, Louis Dreyfus
Feed Milling Practicum; Keith Behnke, K-State Grain Science and Industry Dept.

Thursday, May 4
Ocean Freight; Al Rudge, Greenwich Marine Division of Cargill
Tour and Milling Demonstration; Dale Eustace, K-State GSI

Friday, May 5
The Science of Genetically Engineered Crops; Harold Trick, K-State Plant Pathology Dept.
Benefits and Risks of Genetically Engineered Crops; Trick
Flour Functionality and Demonstration of Affect of Flour Quality upon Wheat Product Quality; Dave Krishock, K-State Grain Science and Industry Dept.
How to Deal with the Market; Kiser

Row One: (left to right) Ghassan Ali Abbas, Yemen; Nasher Al-Aghbari, Yemen; Catalina Guerrero, Colombia; John Howard, IGP; Saad Shamin Khan, UAE; Salim Bajaber, Kenya; Hassan Abdel-Ghaffar, Egypt; K. Radhamohan Lesanapalli, Uganda
Row Two: (left to right) Cathy McGlothlin, IGP; Harvey Kiser, IGP; Luciano Furlan, Brazil; Nagib Ahmed Al-Gharasi, Yemen; Joseph Sowers, USA; Francisco Salas, Mexico; Shinji Kashiwada, Japan; Chowdhury Kabir, USA; Carl Reed, IGP; Megnistu Kassa Oma, Ethiopia; Rodrigo Espinosa, Colombia; Mark Fowler, IGP; Sheridan Wimmer IGP
Thirteen participants from Taiwan, the Philippines, South Africa, Senegal and Argentina attended the Flour Milling Short Course at the International Grains Program Executive Conference Center from June 5-16.

“The course was great because it covered the whole flour milling spectrum from farming all the way through the milling process,” said Lukas Swartz, South Africa.

Swartz, as well as eleven other participants, was invited by the U.S. Wheat Associates to attend the course.

“I was immediately interested in the short course as a good way to begin to make my knowledge applicable and broad,” Swartz said.

Caroline Hsien-Yi Cheng, a project manager from Taiwan, said she learned a great deal about flour milling and had fun while at the short course.

“I benefited greatly from getting to work in the laboratory because of the hands-on experience,” Cheng said.

Participants received instruction from experts in flour milling from Kansas State University’s Department of Grain Science and Industry and Department of Agricultural Economics, and the Kansas Wheat Commission. Mark Fowler, IGP director of technical services, Bob Bennett, IGP senior wheat quality scientist, and Carl Reed, IGP grain storage technologist, assisted with instruction. Participants also had the opportunity for practical experience during a principles of wheat quality evaluation lab, a wheat grading practicum, a bakery lab, and a flour milling laboratory.

Additionally, the short course included a physical dough testing demonstration, a tour of K-State’s grain science pilot plants, a milling demonstration, and an explosion demonstration. Participants also visited the Federal Grain Inspection Service Technical Center and the Kansas City Board of Trade in Kansas City, Mo., a wheat farm in Oxford, Kan., and Tramco Inc. and Kice Industries in Wichita, Kan.
Wednesday, June 7
Vitamins and Flour Additives; Krishock
Wheat Grading Practicum; Carl Reed, IGP
Principles of Grain Storage; Reed
Blending Practices in the Mill, Wheat vs. Flour;
Kendall McFall, IGP

Thursday, June 8
Physical Dough Testing Demonstration; Jane Lingenfelser,
K-State Grain Science and Industry Dept.
Tour of Grain Science Pilot Plants; Keith Behnke,
K-State Grain Science and Industry Dept.
Bakery Lab; Krishock and Lingenfelser

Friday, June 9
FGIS Technical Center;
Sharon Lathrop, Federal Grain Inspection Service
Visit Kansas City Board of Trade;
Gary Anderson

Saturday, June 10
Wheat Farm Tour;
Oxford, Kansas

Monday, June 12
Visit Tramco Inc.; Leon Trammel
and Steve Cloud
Visit Kice Industries; Tom Kice
and Bob Kice
Tour of Cargill Elevator;
David Givens

Tuesday, June 13
Energy Conservation; Fred Fairchild,
K-State Grain Science and Industry Dept.
Roller Mills; Dale Eustace,
K-State Grain Science and Industry Dept.
Mill Separation and Classification; Jeff Gwirtz,
K-State Grain Science and Industry Dept.

Wednesday, June 14
Flour Fortification Initiative;
Gwirtz
Milling Demonstration; Eustace and Gwirtz
Integrated Pest Management;
Subramanyam Bhadriraju,
K-State Grain Science and Industry Dept.

Thursday, June 15
Flour Milling Laboratory;
Eustace and Gwirtz
Cumulative Attribute Curves;
McFall
Spreadsheet Solutions; Fowler
and Bryan Schurle, K-State Ag. Economics Dept.

Friday, June 16
Safety and Dust Explosions;
Tour of BIVAP and Explosion Demonstration; Ron Madl,
BIVAP
Explosions, Venting and Suppression; John Kice
Visit American Institute of Baking; Ken Embers
Nine participants from five countries attended the annual Feed Manufacturing Short Course at the International Grains Program Executive Conference Center September 25-October 7.

Participants from Thailand, Canada, Nigeria, Pakistan and the United States received instruction during the two-week course on topics including the world feed industry, grain grading, pest management and extrusion.

Participants were instructed by experts in feed manufacturing from Kansas State University’s Department of Grain Science and Industry, Department of Animal Science and Industry, and Department of Plant Pathology as well as Feed International Magazine and Bunge. Jay O’Neil, IGP senior agricultural economist, and Carl Reed, IGP grain storage technologist, assisted with instruction.

Participants also had the opportunity for practical experience during a grain grading practicum. The short course also had a grinding/mixing/pelleting and an extrusion demonstration.

Additionally, participants visited the Bunge facility in Emporia, Kan., the Klienpeter Dairy in Montpelier, La., Bunge’s loading facility in Destrehan, La., and Cal-Maine Hatchery in La.

“Three of the participants said they were very impressed with our facilities and stated that there was nothing as advanced or well organized at institutions in their respective countries,” Jay O’Neil, IGP senior agricultural economist, said. “The students enjoyed the class sessions on extrusion and the field trip to New Orleans.”

Participants listen to Tim Hastings, farm manager at Klienpeter Dairy, on a field trip to Montpelier, Louisiana during the feed manufacturing short course.

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<tr>
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<tr>
<td>U.S. Grain Production &amp; Marketing System; Jay O’Neil, IGP</td>
<td>World Feed Industry; Clayton Gill, Watt Publishing</td>
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<td></td>
<td>Grain Grading Practicum; Carl Reed, IGP</td>
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<td>Maintaining Quality of Stored Grain; Reed</td>
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<td>Mold and Mycotoxins; Stella Doyungan, K-State Grain Science and Industry Dept.</td>
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<td>Pest Management in the Feed Mill; Bh. Subramanyam, K-State GSI</td>
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</table>
Row One: (left to right) Cathy McGlothin, IGP; Oren Birch, Canada; Flavio Lazzari, Brazil; Narongkorn Jaturongponpisan, Thailand; Tanawong Maisipon, Thailand; Sheridan Wimmer, IGP

Row Two: John Howard, IGP; Christian Gilbert, United States; Tom Greaves, Canada; Clayton Gill, United States; Tanunt Leelayoova, Thailand; Shokry Rashwan, Canada; Jay O’Neil, IGP
Since 1978, short courses have served as a formalized method to provide technical information to large groups of participants. IGP provides several standardized short course each year and additional courses are developed upon request. The number following each country represents the number of participants at IGP short courses or additional training opportunities in 2006.
Nine participants from China attended the 2006 Chinese Intensive Trading seminar at the International Grains Program Executive Conference Center July 24-27.

Sam Niu, assistant director for U.S. Grains Council in Beijing, explained that USGC organized the two-week tour.

“Our first stop helped us develop a better understanding of corn import and export systems,” Niu said.

Participants received instruction from experts in commodity trading from K-State’s Department of Grain Science and Industry, the Scoular Company, Brugler Marketing and Consulting, and Commodity and Ingredient Hedging LLC.

Participants also had the opportunity for practical experience during a corn grading practicum and a case study for importing U.S. corn. Jay O’Neil, IGP senior agricultural economist, and Carl Reed, IGP grain storage technologist, assisted with instruction. Additionally, participants visited Lorscher Agri-Service Inc., a country elevator, and a feed mill in Bern, Kan.

Niu said, “This experience has helped us become more familiar and confident in U.S. corn.”

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**Monday, July 24**
- U.S. Corn Production and Marketing System; Jay O’Neil, IGP
- Global Corn Supply and Demand Situation; Joel Eckelman, The Scoular Company
- Corn Grading Practicum; Carl Reed, IGP
- History of the U.S. Feed Industry; Fred Fairchild, K-State Grain Science Dept.

**Tuesday, July 25**
- Corn Cash and Futures Markets; Grain Contracting and Negotiating Price and Contract Terms; O’Neil
- Fundamental and Technical Analysis; Alan Brugler, Brugler Marketing and Management Consulting

**Wednesday, July 26**
- Understanding Ocean Freight and Managing Needs; Al Rudge, Ocean Freight Consultant
- Simulation Case Study for Importing U.S. Corn; Commodity and Ingredient Hedging, LLC

**Thursday, July 27**
- Visit Lortscher Agri Service, Inc.; Bern, Kansas
- Visit County Elevator and Feed Mill; Bern, Kansas
- Visit corn farms; Lincoln, Nebraska
The International Grains Program facilitated Module Three: Advanced Pelleting Concepts Aug. 8-11 at the International Grains Program Executive Conference Center. The Grain Science and Industry Extension Service and the American Feed Industry Association sponsored the short course in conjunction with IGP.

Sixteen participants from twelve different states attended the 3 day course.

The course is part of a new initiative by the Department of Grain Science and Industry and IGP that breaks down IGP’s traditional feed manufacturing short course into four 2 to 4 day modules that focus on specific aspects of feed manufacturing. Module 3 was designed to focus on the basic and advanced aspects of pelleting as well as steam generation, steam delivery systems, boiler maintenance, and equipment selection.

Extrusion participants from the United States, India and South Africa attended the Extrusion Processing Technology and Commercialization Short Course Aug. 15-18.

Participants received instruction from industry experts in extrusion including K-State’s grain science and agricultural economics departments, K-State’s Food Science Institute, Wenger Manufacturing, Bachelor Controls Inc., R&R Research Services, Inc., USC, LLC, and the XIM Group.

The short course included hands on sessions on pilot-scale extruders and a field trip to equipment manufacturers in Sabetha, Kan. Other sessions included single and twin screw extruders, fundamentals of drying, extrusion applications, sensory aspects of extrusion products, and developing an extrusion business plan.
In 2006, the International Grains Program had a retirement, an addition and a graduation.

On June 18, Jay O’Neil of Overland Park, Kan., succeeded Harvey Kiser as the senior agricultural economist at IGP. Kiser was the senior agricultural economist at IGP for 27 years and an integral part of the staff. Kiser was honored during a retirement ceremony in June.

O’Neil has 33 years of experience in domestic and international commodity markets. Before joining IGP, O’Neil was the commercial consultant for the U.S. Grains Council.

Additionally, Mark Fowler, IGP director of technical services, graduated with a master’s degree in agricultural economics from Kansas State University in December.
In 2006, the International Grains Program had visitors from 20 different countries, including Iraq, Mozambique and Nigeria. Some of the various groups who utilized IGP’s facilities are highlighted below.

**Mozambique Minister**

The Minister of Foreign Affairs for Mozambique, Venancio Simao Massingue, and the Ambassador to the United States from Mozambique, Armando Alexandre Panguene, visited IGP June 20. They had briefings on potential projects between Kansas State University and Mozambique. Virgil Smail, K-State grain science department head, plans to discuss future initiatives with Mozambique, which is in the transition to be a market-led democracy.

**Nigerian Trade Team**

On May 8 and 9, the Nigerian Trade Team visited IGP. This event was held to recognize and express appreciation to the Nigerian flour millers and other officials for being the largest purchaser of U.S. wheat. More than 50 people attended the event at IGP where guests had lunch and listened to presentations by F.B. Odunayo, the director of Honeywell flour mills in Lagos, Nigeria, and the new KSU football coach, Ron Prince.

**Mexican Soybean Buyers**

A soybean buyers mission team from Mexico visited IGP on July 18. The team was sponsored by the U.S. Soybean Export Council in conjunction with the United Soybean Board and the Foreign Agricultural Service. The team participated in a discussion on U.S./Kansas transportation issues at IGP as well as a tour of the Bioprocessing and Industrial Value-Added Program.

**Iraq Poultry Producers Association**

Four members of the Iraq Poultry Producers Association visited IGP during July as part of an Iraq Buyers Mission sponsored by U.S. Grains Council.

The participants included Imad Ismail Sharif, representative of Al Soura Poultry Farm; Nasser Subhi Taha, commercial director of Mass Jordan Investment Co.; Sabah Ayhoub, representative of Sarsam Co. Animal and Agricultural Products; and Mowafaq Haddad. Jay O’Neil, senior agricultural economist at IGP, accompanied the buyers throughout the U.S. Midwest as a consultant on the U.S. grain and exporting system. Tuker Partel, U.S. Grains Council regional director – Middle East, and Abdellah Ait Boulahsen, U.S. Grains Council project director, also accompanied the group.

**Henan University of Technology**

Four members of the Henan University of Technology in China visited the International Grains Program Executive Conference Center Sept. 26. In addition to visiting IGP, the delegation had the opportunity to tour the American Institute of Baking and the Kansas State University campus. The representatives also met with faculty members of K-State’s Department of Grain Science and Industry. The grain science department is exploring possible exchange programs with Henan University.
Meetings and Seminars

January

11 — Harvey Kiser, IGP senior agricultural economist, attended the Kansas Soybean Expo Jan. 11 in Topeka, Kan. About 225 people attended the expo.

February

2-4 — John Howard, IGP director; and Mark Fowler, IGP director of technical services, attended the U.S. Wheat Associates Board of Directors winter meeting in San Antonio, Tex.


6 — Howard gave a presentation to the Kansas Farm Bureau at the Farm Bureau building in Manhattan, Kansas. His presentation included an IGP overview and description of 2005 activities.

20-21 — Howard and Fowler attended the Gulf Tributary States Strategic Planning Meeting in Kansas City, Mo.

21-23 — Fowler attended the Wheat Quality Council’s annual meeting in Kansas City, Mo. Virgil Smail, head of Kansas State University’s Department of Grain Science and Industry, also attended. Fowler explained the purpose of the meeting was to discuss the quality of the new wheat varieties that both public and private wheat breeding programs are developing. The meeting addressed the quality of hard winter wheat, soft winter wheat and spring wheat.

28-March 2 — Kiser and Howard attended the Commodity Classic in Anaheim, Calif. About 3,500 people attended this year’s Commodity Classic, including about 1,100 corn and soybean growers – meaning that the number of people in attendance increased this year.

March

17-20 — Fowler attended the Sixth Middle East/East Africa U.S. Wheat Trade Conference in Sharm el-Sheikh, Egypt. The conference was the 20th anniversary of the first U.S. Wheat Trade Conference in 1986. One hundred seventy-two government officials, wheat buyers and millers from 19 countries attended the conference. Fowler participated in two panel discussions during the conference on hard white wheat development and biotechnology.

May

1 — Carl Reed, IGP grain storage technologist, traveled to Guatemala to provide information and recommendations to feed manufacturing plants and grain handling facilities.
June

27 — Kendall McFall, K-State milling instructor and IGP program assistant, traveled to Los Cabos, Mexico, to speak at the Latin American and Caribbean Wheat Buyers Conference sponsored by the U.S. Wheat Associates. More than 100 people attended from North America, Central America, South America and the Caribbean. McFall spoke on the quality aspects of hard red wheat and soft red wheat and invited participants to the International Grains Program’s short courses.

July

7-21 — Fowler traveled to both Yemen and Egypt to promote the use of U.S. wheat. Fowler first traveled to Yemen, where he provided individual mill consulting and trade service. He was accompanied in Yemen by Hassan Abdel-Gaffar of U.S. Wheat Associates.

26 — The International Grains Program facilitated a basic feed processing training session for Kansas feed manufacturers. The session was sponsored by the Kansas Grain and Feed Association and included training in quality control, system design, equipment selection, particle size reduction, batching and mixing, energy conservation, and inventory control.

September

11-16 — Reed traveled to Panama. During his trip, Reed visited feed manufacturing plants and grain handling facilities to provide information and recommendations as well as presented a seminar on grain quality maintenance for humid tropical conditions. His trip was sponsored by the U.S. Grains Council.

25-October 5 — McFall attended the “Flour Milling Technology for Executives” training course at the Buhler Training Center in Uzwil, Switzerland. The course is similar to IGP’s flour milling short course and included both lecture and practical sessions on wheat, wheat cleaning, grain processing and mill design.

October

12-14 — Fowler attended the 13th international wheat seminar sponsored by ABITRIGO, the Brazilian association of flour milling companies in Natal, Brazil. More than 300 participants and business executives from the wheat industry attended the seminar. Speakers at ABITRIGO included Vince Peterson, vice-president for overseas operations for U.S. Wheat Associates, and Marcia Scheideman, president of the Wheat Foods Council.

November

6-8 — Howard and Jay O’Neil, IGP senior agricultural economist, attended the 24th ALIM assembly in Pucon, Chile. More than 200 Latin-American businessmen from the wheat industry, suppliers, global wheat exporters, and analysts attended. IGP shared a booth at the ALIM tradeshow with U.S. Wheat Associates.

14-15 — O’Neil attended the Kansas Commodity Classic in Salina, Kan. The classic is the annual convention of Kansas wheat, corn, grain sorghum and cotton commodity organizations. IGP shared a booth at the trade show with U.S. Wheat Associates.

25-30 — O’Neil presented U.S. and world transportation issues to the U.S. Grains Council trade seminar in Seoul, South Korea, and Busan, South Korea. O’Neil met with Stan Phillips, director of the Agricultural Trade Office at the Embassy of the United States in South Korea. He also visited with the Nonguhyup Feed Company and the Korean Feed Association.

December

3-5 — O’Neil attended the first ever joint international marketing conference and 47th annual membership meeting of the U.S. Grains Council in Los Cabos, Mexico. More than 150 participants attended the conference and breakout sessions for agribusiness, barley, corn and sorghum.
IGP staff and faculty members are employed within Kansas State University’s Department of Grain Science and Industry, and they facilitate much of IGP’s annual training activities. IGP programs are also enhanced by faculty from other departments in the College of Agriculture as well as faculty from other land grant universities and industry representatives.

**IGP Staff**

- **John Howard**: director; expertise in international grain market analysis and grain marketing
- **Jay O’Neil**: senior agricultural economist; expertise in cash and futures markets, federal-farm programs, grain standards, transportation, international contracts, trade rules and arbitration
- **Mark Fowler**: director of technical services; expertise in flour milling technology, manufacturing and engineering
- **Carl Reed**: grain storage technologist; expertise in management of stored grain for quality maintenance in tropical and temperate climates, including aeration and IPM programs
- **Robert Bennett**: grain quality specialist; expertise in cereal chemistry and wheat quality evaluation from production through the milling and baking process
- **Harvey Kiser**: senior agricultural economist emeritus; expertise in cash and futures markets, federal-farm programs and grain standards
- **Cathy McGlothin**: program coordinator
- **Julia Debes and Sheridan Wimmer**: student communications specialists
- **Katie Kuhlman**: student assistant

**IGP Faculty**

- **Sajid Alavi**: assistant professor; expertise in food engineering – specifically in extrusion processing of food and feed materials, rheology, food microstructure imaging and structure-texture relationships
- **Keith Behnke**: professor and feed technology research scientist; expertise in feed processing as it affects animal nutrition
- **Subramanyam Bhadriraju**: professor; expertise in development and evaluation of integrated pest management programs for food and feed industries
- **Dale Eustace**: professor and milling technology research scientist; expertise in large and small scale wheat and corn milling and wheat conditioning
- **Fred Fairchild**: professor and flour milling engineer; expertise in mill design and construction and equipment selection
- **Ekramul Haque**: professor and agricultural engineer; expertise in grain storage, processing and handling and electrical power use
- **Kendall McFall**: instructor and flour miller; expertise in flour milling technology, product distribution, manufacturing and engineering safety, regulatory compliance, food safety and personnel management
- **Leland McKinney**: assistant professor; expertise in feed manufacturing and grain storage and marketing
2007 IGP Courses

USGC India Buyers Seminar, *March 12-16*
Feed Mill Maintenance, *April 2-6*
Grain Purchasing, *April 16-28*
USDA Food Aid Seminar, *April 19-20*
USW China Flour Milling, *April 25-May 4*
Grain Elevator Managers, *May 21-25*
Flour Milling, *June 4-15*
ASA China Feed Manufacturing, *July 16-20*
Extrusion, *Aug. 7-10*
Feed Manufacturing, *Sept. 24-Oct. 5*

*Visit www.ksu.edu/igp for more information and additional listings.*
International Grains Program
Executive Conference Center

Kansas State University
1980 Kimball Avenue
102 IGP Bldg.
Manhattan, KS 66506-7000 USA
www.ksu.edu/igp

Notice of nondiscrimination
Kansas State University is committed to a policy of nondiscrimination on the basis of race, sex, national origin, disability, re-
ligion, age, sexual orientation, or other nonmerit reasons, in admissions, educational programs or activities, and employment
(including employment of disabled veterans and veterans of the Vietnam Era), all as required by applicable laws and regula-
tions. Responsibility for coordination of compliance efforts and receipt of inquiries, including those concerning Title IX of The
Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act, has
been delegated to Clyde Howard, director of affirmative action, 214 Anderson Hall, Kansas State University, Manhattan, Kansas
66506-0124, (785) 532-6220.