IGP Hosts U.S. Wheat Advanced Milling for South Korea Course

The IGP Institute welcomed eight participants for the U.S. Wheat Associates/IGP Institute Advanced Milling for South Korea course held July 30 – August 6.

The advanced course covered wheat cleaning for optimum quality, wheat conditioning and tempering before milling, and detailed looks at the operation of milling equipment including roller mills, sifters, purifiers, detachers/dusters, and how they can be adjusted to improve extraction and overall flour quality.

Other topics included the control systems used in the mill, cumulative attribute curves, starch damage, and the design and function of flowsheets.

Course instructor, Shawn Thiele, explains the operation of the Sortex optical sorter used to remove discolored and imperfect kernels of wheat before the milling process to participants from the U.S. Wheat Associates/IGP Institute Advanced Milling for South Korea course during an exercise in the Hal Ross Flour Mill.

Kaliramesh Siliveru, assistant professor in the Department of Grain Science and Industry at K-State presented a lecture on wheat handling and quality storage management on the final day at IGP.

The group then traveled to Kansas City for scheduled tours of grain industry facilities before departing.
July Trainings and Activities

• Conducted U.S. Wheat Associates Advanced Milling for South Korea: 8 participants
• Distance Education in July: 51 participants
• Attended NFGA’s CONVEY conference in Omaha, Nebraska
• Conducted a grain storage technical program for Iraqi wheat buyers on behalf of U.S. Wheat in Dubai
• Met with U.S. Wheat on weed seed milling project
• Attended the U.S. Wheat Summer Board Meeting in Minneapolis, Minnesota
• Met with Ardent Mills
• Met with USDA on alpha enzyme testing for wheat
• Presented for the U.S. Wheat Contracting for Wheat Value Workshop in Fargo, North Dakota
• Met with Market News Reporters and provided a tour of the Hal Ross Flour Mill