USDA Course Educates Uzbek Officials on High-Protein Feed

The IGP Institute hosted nine public and private sector officials from Uzbekistan as part of a USDA scientific exchange program focused on biotechnology and high-quality protein feed for cattle and poultry that was held September 16–29, 2023.

During the two-week course, the group received an overview of U.S. feed manufacturing trends and lectures on feed safety, grain markets and international shipping, and nutrition and production information for beef and dairy cattle. Also included were tours of KSU’s O.H. Kruse Feed Technology and Innovation Center, the Hal Ross Flour Mill, the Kansas Wheat Commission, Lance Rezac’s farm, the Kansas Soybean Commission, WISHH (World Initiative for Soy in Human Health), and the USDA Federal Grain Inspection Service (FGIS) in Kansas City, Missouri.

Additional tours included the Delong Container Loading Facility, the East Kansas Agri-Energy ethanol plant, Bunge’s soybean crushing facility, the local Mid-Kansas Cooperative (MKC) elevator, and the K-State Dairy Teaching and Research Center.

Mike Brouk (left), faculty member in Animal Sciences and Industry, discusses the types of feed and the nutritional needs of dairy cattle with participants from Uzbekistan during a tour of the Dairy Teaching and Research Center.

**September Participant Numbers**

<table>
<thead>
<tr>
<th>Distance</th>
<th>On-site</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>88</td>
</tr>
</tbody>
</table>
September Trainings and Activities

- Conducted the USSEC Nutrition vs Purchasing Building to Align Workshop for Latin America at the K-State Olathe campus – 20 participants
- Conducted the USDA Training on Uzbek Public and Private Sector Officials on Biotechnology and High-Quality Protein Feed for Cattle and Poultry – 9 participants
- Conducted the IAOM–KSU Basic Milling Short Course – 18 Participants
- Conducted the IAOM–KSU Advanced Milling Short Course – 16 Participants
- Conducted the USDA Cochran Grain Procurement and Storage for Algeria course – 7 Participants
- Attended the IAOM Technical Committee Meeting, Manhattan, Kansas