U.S. Wheat Associates Sub-Saharan Wheat Storage Seminar Teaches Grain Storage and Fumigation Techniques in Tropical Locations

Storing grain in warm, tropical conditions is a challenge throughout the world in locations where high humidity levels and temperatures combine to create problems with mold and insect infestation.

To address these concerns, the IGP Institute partnered with U.S. Wheat Associates to deliver an online seminar to 129 registered participants from South Africa, Nigeria, Mozambique, Burundi, Kenya, Uganda, Malawi, Tanzania, Senegal, and Rwanda on December 14.

Carlos Campabadal, IGP feed manufacturing and grain quality management curriculum manager facilitated the course and provided information on wheat storage in tropical locations including proper storage techniques to use in warehouses, trucks, and bagged products. Additional topics included how to properly aerate grain in tropical weather along with information on the U.S. grain grading system and receiving grain at port facilities. The course concluded with a look at sanitation and pest control practices that featured a session on how to safely fumigate grain storage facilities.

Portions of the course were recorded in advance and given to the participants so they could view them before the three live Zoom lectures and the following question and answer sessions.

Proper grain storage techniques including aeration and fumigation are critical to prevent loss in tropical weather conditions due to mold and insect infestations. (Photo of grain elevator and silos in Vrede, South Africa credit https://commons.wikimedia.org/wiki/user:Ossewa)
December Trainings and Activities

- Presented Notes and Observations in International Commodity Markets. A weekly set of headline articles of events impacting the international grain and oilseed markets; distributed to faculty, key stakeholders, and an international audience, as well as being posted on the Ag Manager website. Learn more at https://www.grains.k-state.edu/igp/on-site-training/grain-marketing/
- Recap of Weekly U.S. Grain and Oilseed Export Shipment and Sales. A weekly set of analysis and data recapping the recent and year to date export shipment and sales. Distributed internally to IGP and to key stakeholders, and an international audience, as well as being posted on the Ag Manager website.
- Attended online meeting for U.S. Cotton Board – Cotton & Coffee Episode 8: “U.S. Cotton Trust Protocol”
- Attended online meeting for USSEC IMD Soybean Meal
- Attended online meeting for USSEC IMD Soybean Oil
- Attended online meeting for USSEC IMD
- Attended online meeting for USSEC IMD Think Tank
- Attended online meeting for USSEC IMD and Board Meeting
- Prepared and presented a webinar for US Grains Council Southeast Asia Region including U.S. Grains Council, their international staff, and key regional clients
- Presented on “Changes in the USDA WASDE Report, and Price Impact”
- KSU Agriculture Today, with Eric Atkinson – prepared and presented two podcasts covering: “Highlights of Issues Facing the International Grain Trade” reflected in this month’s USDA WASDE International Trade Markets Report
- Prepared IGP Top 20 in 2020 International Commodity Market Events and Stories
- Provided technical advice to Caribbean Milling from Haiti in behalf of Kansas Wheat and U.S. Wheat Associates
- Presented at KGFA’s Grain Handlers Workshop (online)
- Provided technical advice to Polar (Grain processing company in Colombia) in behalf of USGC
- Gave technical presentations in grain storage and drying topics to extension agents of the Paraguayan Coop Federation
- Conducted and presented at the U.S. Wheat Associates Sub-Saharan Africa Wheat Storage Seminar
- Participated in the PHLIL Quarterly Meeting
- Provided technical advice to Grupo Bios from Colombia
- Met with WISHH and their Senegal country rep for potential projects
- Attended Kansas Wheat Commission Board Meeting