

Training Course on Green Grain Storage Technology for Developing Countries

Name	Training Course on Green Grain Storage Technology for Developing Countries		
Organizer	Henan University of Technology		
Time	2024-08-22 -- 2024-09-11	Language for Learning	English
Invited Countries	Government officials, professional researchers, various managers, and technical personnel engaged in agricultural work in developing countries.		
Number of Participants	25		
Requirements for the Participants	Age	Under 45 years old.	
	Health	In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant.	
	Language	Capable of listening, speaking, reading and writing in English during the training.	
	others	Family members or friends shall not follow.	
Host City	Zhengzhou City, Henan Province	Local Temperature	24°C- 35°C
Cities to visit	Nanjing City, Yangzhou City of Jiangsu Province, Kaifeng City of Henan Province	Local Temperature	Nanjing City : 24°C- 35°C, Yangzhou City : 24°C- 35°C, Kaifeng City : 24°C- 35°C
Notes	<p>1. During the training period, participants are expected to adhere to the class schedule and teaching discipline. The attendance record and learning record will serve as the basis for issuing the training completion certificate.</p> <p>2. While in China, participants should abide by Chinese laws and regulations and respect Chinese cultural customs.</p> <p>3. To facilitate communication with Chinese experts, please prepare relevant exchange materials related to the training topic from your country, such as the development status and technical challenges of your country's grain storage industry.</p>		
Contact of the Organizer	Contact Person(s)	Mr.Si Tianlei	
	Telephone	0086-371-67756197(Mr.Si)	
	Cell	0086- 18623713867(Mr.Si)	
	Fax	0086-371-67756051(Mr.Si)	
	E-mail	dwyzpxzx_henan@126.com(Mr.Si)	
About the Organizer	<p>Henan University of Technology is located in Zhengzhou City, Henan Province. It was founded in 1956. It started undergraduate education in 1959. In 1981, master's degree education began in 1981. It is a university of Henan Provincial People's Government and the State Food and Material Reserve Bureau. It is selected as the first batch of "2011 Coordinated Innovation Plan". Henan Province's first batch of superior characteristic discipline construction engineering universities, Henan Province Featured Backbone University Construction University, is a college for advanced collective collective collectives for graduates of ordinary colleges and universities across the country.</p> <p>Henan University of Technology began to organize the Ministry of Commerce's foreign aid training project in 2008. It has now formed domestic and international human resources development and cooperation models with "tricycle -driven" coordinated development and cooperative development of food and agricultural technology, martial arts culture and engineering construction. As of the end of 2023, the school has undertaken 75 issues of various foreign training programs, with a total of 1955 government officials, managers, and technical personnel from 113 countries in Asia, Africa, Europe, the United</p>		

	<p>States, and Oceania. Among them, 33 issues of the theme projects of the grain storage and collection are held, with 90 national reinforcements, and the number of trainers was 775. The training of food storage themes in developing countries has become the advantage of our school, and it has also become the main module in our school's hosted foreign aid training project.</p>
<p>Seminar Content</p>	<p>1.Main training courses and content introduction</p> <p>(1)Overview of China’s national conditions It aims to comprehensively introduce China's history, culture, philosophy and the development path of New China. By narrating China's historical changes, cultural heritage, schools of thought and their impact on modern society, students can gain a deep understanding of China's national conditions and social development context.</p> <p>(2)Sharing of China’s experience in poverty alleviation This lecture will provide an in-depth discussion of China’s journey and successful experience in poverty alleviation. Analyze the implementation effects of China's poverty alleviation policies, introduce innovative measures and typical cases adopted by China in poverty alleviation work, and provide reference for other countries.</p> <p>(3) Chinese painting and calligraphy experience This lecture will allow students to feel the charm of traditional Chinese culture through personal experience. It introduces the historical origins, artistic characteristics and creative methods of traditional Chinese painting and calligraphy, and through practical operations, allows students to draw traditional Chinese paintings and write calligraphy by themselves, improving their art appreciation and creative abilities.</p> <p>(4)Observation of Shaolin Martial Arts This lecture will lead students into the world of Chinese Shaolin martial arts. By observing the performances and training of Shaolin martial arts, you can understand the origin, development, characteristics and connotation of Shaolin martial arts, and feel its unique martial arts culture and spiritual charm.</p> <p>(5)World Food Overview This lecture will provide a comprehensive introduction to the basic situation of global food production, consumption and trade. Analyze the supply and demand relationship, price change trends and main influencing factors of the world grain market to provide a basis for understanding the global food security situation.</p> <p>(6) International grain purchasing and storage policy and trade This lecture will provide an in-depth study of international grain purchasing and storage policies and trade rules. Analyze the grain purchase and storage policies of different countries and their influencing factors, explore the development trends and cooperation mechanisms of international grain trade, and provide reference for international food security and trade cooperation.</p> <p>(7)Current status of post-production processing losses of world grains This lecture will focus on the loss problem during grain post-production processing. Analyze the current status and causes of post-harvest grain processing losses around the world, explore effective measures and technical means to reduce losses, and provide reference for improving grain utilization efficiency.</p> <p>(8)Modern granary design and construction This lecture will introduce the design and construction concepts of modern grain silos. Analyze the functional requirements, structural characteristics and technical requirements of modern granaries, discuss the latest technologies and methods of granary construction, and provide reference for the modernization and new construction of granaries.</p> <p>(9)Overview of green grain storage technology This lecture will comprehensively introduce the concepts, principles and applications of green grain storage technology. Analyze the advantages and limitations of green grain storage technology, explore its role in ensuring food security, reducing environmental pollution and improving economic benefits, and provide new solutions for grain storage.</p> <p>(10)Research, development and application of grain drying technology This lecture will deeply explore the research, development and application of grain drying technology. Analyze the principles, characteristics and application scope of different drying technologies, introduce the important role of drying technology in grain storage and processing, and provide guidance for the innovation and application of grain drying technology.</p>

(11) Grain storage and logistics optimization

This lecture will focus on optimization strategies for grain storage and logistics management. Discuss how to improve grain storage and transportation efficiency through modern logistics management technology and information systems, reduce losses and costs, and ensure timely supply and quality safety of grain.

(12) Application of intelligent warehousing technology in the grain industry

This lecture will introduce the current application status and development trends of intelligent warehousing technology in the grain industry. Analyze the application of Internet of Things, big data, artificial intelligence and other technologies in grain storage, monitoring and dispatching, and explore their important role in improving grain storage efficiency and safety.

(13) Grain quality and safety testing technology

This lecture will comprehensively introduce the principles and applications of grain quality and safety testing technology. Analyze the characteristics and application scope of different detection technologies, explore their important role in ensuring grain quality and preventing food safety accidents, and provide technical support for grain quality supervision.

(14) Global food policy and food security strategy

This lecture will examine global food policy and food security strategies. Analyze the food policies of different countries and their impact on global food security, explore international food cooperation and coordination mechanisms, and provide reference for formulating effective food security strategies.

(15) Grain processing technology innovation and industrial development

This lecture will focus on the innovation and industrial development of grain processing technology. This article introduces the latest progress and cutting-edge technologies in grain processing technology, discusses the important role of technological innovation in the transformation, upgrading and competitiveness improvement of the grain industry, and provides guidance for the development of the grain processing industry.

(16) Popularization of food nutrition and health knowledge

This lecture will popularize food nutrition and health knowledge. Introduce the nutritional composition and nutritional value of different foods, discuss the role and importance of food in human health, and improve the public's understanding and attention to food nutrition and health.

(17) Sustainable food production and development model

This lecture will examine sustainable food production and development models. Analyze the challenges and problems currently faced by grain production, explore how to achieve sustainable development of grain production through scientific and technological innovation, policy guidance and social participation, and provide guidance for the long-term and stable development of the grain industry.

(18) Agricultural genetic resources and the development of grain seed industry

This lecture will focus on the development of agricultural genetic resources and grain seed industry. This article introduces the importance and protection methods of agricultural genetic resources, discusses how to promote the development of the grain seed industry through the innovative utilization of germplasm resources and the advancement of breeding technology, and provides support for ensuring the safety and diversity of food production.

(19) Global climate change and food production response strategies

This lecture will study the impact of global climate change on food production and response strategies. Analyze the adverse effects and challenges of climate change on food production, explore how to improve the adaptability and resilience of food production through agricultural technology innovation, planting structure adjustment, and agricultural insurance, and provide guidance for responding to the impact of climate change on food production.

2. During the training, seminars and exchanges related to the theme will be arranged. It is planned to arrange visits to Synear Foods Co., Ltd , Zhengzhou Qianwei Yangchu Food Co., Ltd

, Nanjing Xingui Rice Industry Co., Ltd., Jiangsu Muyang Group Co., Ltd., Yangzhou University Food Science and Engineering College and other places.