

Training Course on Green, Ecological and Safe Food Storage Technologies for Developing Countries

Name	Training Course on Green, Ecological and Safe Food Storage Technologies for Developing Countries		
Organizer	Chinese Academy of Agricultural Mechanization Sciences Group Co., Ltd(CAAMS)		
Time	2024-10-11 -- 2024-10-31	Language for Learning	English
Invited Countries	Developing Countries		
Number of Participants	25		
Requirements for the Participants	Age	No more than 50-year-old for director-general's level and no more than 45-year-old for division-director's level	
	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	Beijing	Local Temperature	15-25°C
Cities to visit	Zhengzhou City, Henan Province, Binzhou City, Shandong Province, Jinan City, Shandong Province	Local Temperature	Zhengzhou City: 15-25°C Binzhou City : 15-25°C Jinan City : 15-25°C
Notes	<p>1. Responsibility and Obligations: Participants are representatives of your government, country and people, should be responsible for your actions and performance, complying with Chinese laws and relevant regulations of the seminar, and fulfilling corresponding obligations.</p> <p>2. Discipline requirements: During the training, please strictly adhere to the arrangement schedule, and do not arrange activities unrelated to seminar without authorization. Do not withdraw from training without reason.</p> <p>3. Country Reports: Please prepare communication materials related to the seminar topic of your country.</p> <p>4. Training preparation: Please prepare for training according to the training arrangement and the weather conditions of the cities where the training is held.</p> <p>5. Luggage requirements: ① Please note the luggage allowance for international and domestic flights. Charges for overweight luggage and flight delays caused by luggage disputes are the responsibility of the individual. ② Please confirm if you need to check in your luggage again when transferring. ③ In the event of loss of checked luggage, please notify the airline in good time. When completing the registration form, please call the organizer's contact person to confirm the delivery address.</p> <p>6. Arrangement for missed flight and pick up: ① If you are unable to depart on time due to special circumstances, or if your flight is delayed during the transfer, please inform the organizer's contact person of the latest flight status in good time to arrange pick up. ② After your flight lands, please wait patiently at the international (or domestic) arrival exit. If you</p>		

	<p>have waited more than 15 minutes, you can call the contact person.</p> <p>7. Refunds and Ticket Changes: Ticket changes or refunds without permission or refunds and ticket changes for personal reasons will be at the expense and responsibility of the individual.</p>	
Contact of the Organizer	Contact Person(s)	Ms.Liu Lu
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About the Organizer	<p>Chinese Academy of Agricultural Mechanization Sciences Group Co., Ltd.(CAAMS) was founded in 1956, and is one of the first group of national innovation-oriented hi-tech enterprises. CAAMS is committed to provide agriculture with advanced technology and equipment. CAAMS is a well-known origin of agricultural engineering technologies in China, and has provided the technologies of more than 3,000 kinds of agricultural & food machinery in 9 categories to our country. CAAMS is a nation-wide center for technical research, strategic planning, product marketing and international cooperation. CAAMS has provided more than 3,000 kinds of agricultural & food machinery in 9 categories to our country (85% of the whole trade), while making great contribution to the national agricultural modernization.</p> <p>Under the guidance and support of the Ministry of Commerce, CAAMS, as the backbone unit of China-aid training programs, has successfully implemented nearly 200 China-aid technical training and seminar programs of various types (including overseas programs) since the 1980s, with nearly 5,000 participants from more than a hundred developing countries in Asia, Africa, Europe, Latin America, and the South Pacific, etc., and has launched a wide range of international exchanges and cooperation programs on this basis, which have strengthened the bi-/multilateral technological, economic and trade cooperation while enhancing the friendship between each other.</p>	

Seminar
Content

1. Introduction of the main training subjects and content
On this training, the development achievements and experience will be discussed through lectures, symposiums, technical visits, inspection and other forms. Major courses include but not limited to the followings:

- 1)China's Basic National Conditions – introduces the politics, society, history, traditional culture and other aspects of China, introduce the background of Belt and Road, its principle of achieving shared growth through collaboration, its significance, the Belt and Road Forum and international cooperation.
- 2)Food Security under the Global Development Initiative– introduce the importance and challenges of global food security, and analyze the role of global development initiatives in promoting food security. At the same time, introduce the relationship between food security and sustainable development, and explore how to improve food production efficiency and quality through technological innovation, international cooperation, and other means.
- 3)Overview and Trends of Global Food Production: Introduction to World Food Production, World Food Processing, World Food Consumption and Trade, and China's Food Production and Processing.
- 4) Quality Management in the Process of Storage and Transportation of Food Crops-introduces the storage technology and transportation requirements of major food crops, as well as the main key points that need to be paid attention to in the process of quality supervision and control in the process of storage and transportation, including the process technology of storage and transportation of agricultural products.
- 5)The Concept and Practice of Green Ecological Grain Storage: Through case analysis, demonstrate the effectiveness and challenges of green ecological grain storage in practical applications.
- 6)Modern Grain Storage Technology and Equipment: Introduce the latest grain storage technologies, including intelligent warehousing, low-temperature storage, controlled atmosphere storage, and corresponding equipment selection and maintenance.
- 7)Grain Pest Control and Green Prevention: Introduce the principles and methods of grain storage safety management, including the prevention and handling of emergency events such as fires, explosions, and pollution.
- 8)Food Packaging and Technology: introduces the characteristics and applications of seven types of packaging technologies, including moisture-proof, vacuum, inflation, shrinkage, modified atmosphere, canned and sterile packaging, as well as the development trends of fruit packaging technology.
- 9)International Grain Storage Cooperation and Exchange: Exploring the Current Situation and Trends of International Grain Storage Cooperation, Analyzing the Differences and Commonalities of Grain Storage Policies in Various Countries.
- 10)International Cooperation in Agriculture and Green Sustainable Development: To cultivate students' comprehensive understanding of international cooperation and environmental awareness, provide useful references and lay a favorable foundation for future international cooperation projects.
- 11)International cooperation in agriculture and food security: Introduce the experience and achievements of international cooperation in agricultural technology, and explore how to strengthen international agricultural technology cooperation in the field of food security.

2. Introduction to the Overall Situation of the Presenter
This training invites experts and scholars who have been engaged in agricultural (grain storage) for many years. All of them have senior professional titles or above, with rich practical and research experience. Some of them are listed as follows.

- 1)Mr. Ma Teng, senior engineer from CAAMS, is engaged in implementation and management of agricultural projects, international training and trade.
- 2)Mr. Song Xiaomin, senior engineer from CAAMS, is engaged in implementation and management of livestock machinery projects, international training and trade.
- 3)Ms. Qi Xiaozhe, a senior engineer from Standards and Quality Center of the State Administration of Grain and Material Reserves, who has long been engaged in the management and promotion of the standardization of agricultural product processing.
- 4)Ms. Liu Jie, Professor of Henan University of Technology, long engaged in research and promotion work related to quality management of agricultural product processing
- 5)Mr. Wang Fengcheng, Professor of Henan University of Technology, has been engaged in research and promotion related to the development of the grain industry for a long time.

6)Mr. Li Xiande, researcher at the Chinese Academy of Agricultural Sciences, has been engaged in research related to agricultural product processing and market management for a long time.

7)Mr. Lin Faqin, professor at China Agricultural University, has been engaged in scientific research and teaching in fields such as grain processing and storage for a long time.

8)Mr. Wu Xiaomeng, Associate Professor of China Agricultural University, has been teaching in the field of agricultural product processing for a long time.

9)Mr.Chen Shengwei, professor at Shandong Agricultural University, has been engaged in scientific research and teaching related to the grain reserve system and policies for a long time.

10)Mr. Zhang Jiwang, professor at Shandong Agricultural University, has been engaged in research and teaching related to food security and agricultural promotion for a long time.

3. Planned Visiting Activities

This training course will be combined with various stages of the course content, arranged for trainees to visit the CAAMS Equipment National Engineering Laboratory, the National Agricultural Machinery Quality Supervision and Inspection Center, the National Food Machinery Quality Supervision and Inspection Center, as well as China Agricultural University, the Chinese Academy of Agricultural Sciences related laboratories, etc., theories combined with practical guidance to enhance the professional and technical level of the participants, to help participants to further understand the current situation of the quality and safety of agricultural products inspection technology and the development trend of the future.

4. Requirements for Participants

Participants should prepare a country report on the related topic before the seminar starts. The reports covers not limited to① basic national conditions: the government's management organization and management of agriculture-related departments, the basic general situation of agriculture, agricultural products and processing resources; ②green, ecological and safe food storage status and technical level; ③green, ecological and safe food storage system construction planning and strategy; ④ agricultural products quality-related policies, laws and regulations; ⑤ international cooperation: agricultural products quality and safety inspection of the relevant industries in the main cooperating countries, the cooperation of the existing ways and management modes, and so on.