

# Training Course on Technologies of Agricultural Mechanization to Ensure Food Security Under the Global Development Initiative for Developing Countries

Name	Training Course on Technologies of Agricultural Mechanization to Ensure Food Security Under the Global Development Initiative for Developing Countries		
Organizer	Chinese Academy of Agricultural Mechanization Sciences (CAAMS)		
Time	2024-08-23 -- 2024-09-12	Language for Learning	English
Invited Countries	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	Beijing	Local Temperature	25-35°C
Cities to visit	Zhengzhou City, Henan Province, Weifang City, Shandong Province	Local Temperature	Zhengzhou City: 25-30°C Weifang City: 25-30°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</p>		

	<p>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 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 &amp; 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 &amp; 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 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)Global Development Initiative and Sustainable Agricultural Development: Introduce the proposal and background of the Global Development Initiative; The connotation of sustainable agricultural development; The relationship between global development initiatives and sustainable agricultural development; Key factors for sustainable agricultural development, and sharing practical cases of sustainable agricultural development.

3)Overview of Chinese Agriculture and Related Policies: Introduce the overview of Chinese agriculture and the policy support and system construction behind it.

4)Current Situation and Experience of Agricultural Mechanization Development in China: Introduce the current situation, practical experience, service system, and regional development model of agricultural machinery development in China.

5)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.

6)The Development Process and Promotion System of Agricultural Technology in China: Introduce the rural supply side reform, rural revitalization policies, the historical stages, main characteristics, and future plans of the agricultural technology promotion system.

7)China's Food Security and Agricultural Product Processing: Introduce China's food security measures, policies, agricultural machinery and equipment, processing, storage and transportation, and other application technologies.

8)Application and Promotion of New Water-Saving Irrigation Technologies: Introduce the application and promotion system of efficient irrigation technologies such as surface irrigation, sprinkler irrigation, and underground irrigation.

9)Rural Energy Technology and Equipment: Introduce materials, equipment, and technologies in the development and utilization of rural energy.

10)Smart Agriculture and Management Plan: introduce intelligent agricultural machinery equipment, agricultural UAV equipment, agricultural big data, Internet+ agriculture, smart agriculture and rural informatization management, agricultural Internet of Things, etc. based on "Internet plus".

11)Application of New Technologies for Drying and Storage of Agricultural Products: Introduce the principles of drying and processing technology for agricultural products, drying equipment and process flow, application of drying and drying technology, as well as storage technologies such as low-temperature storage, microbial preservation, and ultraviolet radiation.

12)Cold Chain Logistics Technology for Agricultural Products: Introduce the current development status, main models, and process technologies of cold chain logistics for agricultural products in China.

13)Typical Models and Approaches for Sustainable Agricultural Development: Introduce the development models and approaches of sustainable agriculture at home and abroad, and help recipient countries establish sustainable agriculture that is in line with the ecological environment and national conditions.

14)International Cooperation in Agriculture and Food Security: Introducing the Experience and Achievements of International Cooperation in Agricultural Technology, and Exploring 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 machinery, agro-product processing 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)Mr. Gao Shengpu, a Researcher from the Slaughtering Technology Center of the Ministry of Agriculture and Rural Affairs, has long been engaged in work related to the construction of agricultural product processing standard system.

5)Ms. Liu Jie, Professor of Henan University of Technology, long engaged in research and promotion work related to quality management of agricultural product processing

6)Mr. Li Xiande, a researcher from CAAS, is engaged in research on agricultural economy and

7)Ms. Liu Yanhong, Professor of China Agricultural University, has been teaching and researching in the field of fruit and vegetable processing 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. Gu Zheng, Associate Professor of China Agricultural University, teaching in the field of agricultural product distribution and e-commerce.

10)Mr. Dong Renjie: Professor of China Agricultural University, research in the fields of rural energy, agricultural engineering and sustainable development, and renewable resource engineering for a long time.

#### 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.

#### 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; ② agricultural products quality inspection status and technical level; ③ agricultural products quality and safety inspection 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.