

## Seminar on Fruit Processing and General Utilization for Belt and Road Countries

Name	Seminar on Fruit Processing and General Utilization for Belt and Road Countries		
Organizer	Chinese Academy of Agricultural Mechanization Sciences (CAAMS)		
Time	2024-05-07 -- 2024-05-20	Language for Learning	English
Invited Countries	Belt and Road Countries		
Number of Participants	25		
Requirements for the Participants	Age	Under 45 for officials at or under director's level; under 50 for officials at director general'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	Luohe City,Zhengzhou City,Henan Province	Local Temperature	Luohe City:15-25°C,Zhengzhou 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 seminar, please strictly adhere to the arrangement schedule, and do not arrange activities unrelated to seminar without authorization. Do not withdraw from seminar 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 some common medicines according to your own situation. It is strictly forbidden to bring into China any medicine that is banned or over the limit.</p> <p>5. Luggage requirements: <input type="checkbox"/> 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. <input type="checkbox"/> Please confirm if you need to check in your luggage again when transferring. <input type="checkbox"/> 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: <input type="checkbox"/> 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. □ After your flight lands, please wait patiently at the international (or domestic) arrival exit to collect your baggage, and the staff will pick up aircraft with the CAAMS pick-up card. 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
	Telephone	0086-10-64882265(Ms.Liu)
	Cell	0086-18811374220(Ms.Liu)
	Fax	0086-10-64883508(Ms.Liu)
	E-mail	caams-training@foxmail.com(Ms.Liu)
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>In recent years, with the requirements of the "Full-scale Development of Agricultural Mechanization" and the gradual implementation of the "Rural Revitalization" strategy, the Chinese Academy of Agricultural Machinery, as an industry leader with the only national-level agricultural mechanization technology research platform in China, has continuously innovated new and practical agricultural machinery technology and implementation of domestic and foreign agricultural engineering projects have accumulated many mature and applicable agricultural mechanization development experiences and popularization models, which can be used as applicability and effectiveness of agricultural development experience for reference by the vast number of developing countries.</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	<p>1. Introduction of the main training subjects and content</p> <p>On this seminar, 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:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2)Overview of fruit processing technology - A systematic overview of primary processing techniques such as fruit cleaning, cutting, and packaging, as well as deep processing techniques such as fruit concentration, drying, and freezing.</li> <li>3)Fruit quality assessment and storage - Introducing the main indicators of fruit quality, factors affecting quality, and how to store them scientifically and reasonably.</li> <li>4)Juice and Beverage Processing - Introducing juice and beverage processing technology, including knowledge of raw material selection, production technology, quality control, and other aspects.</li> <li>5)Making Jams, sauces, and Jelly - Introducing processing technologies to make jams, sauces, and jellies with rich taste and excellent quality, as well as effectively package and sales.</li> <li>6)Buildup of Fruit Quality and Safety Standard System - Introducing knowledge of industry standards and regulations, supervision and testing, audit and traceability systems for fruit quality and safety in domestic and international markets.</li> <li>7)Food sterilization and preservation technology: The course introduction includes traditional thermal sterilization technology, new thermal sterilization technology, a thermal sterilization technology, and the combination of various sterilization technologies.</li> <li>8)Cold chain preservation technology - Introducing the entire process of cold chain preservation technology, including pre cooling technology, rapid freezing technology, food packaging technology, and cold chain logistics.</li> <li>9)Fruit Storage and Comprehensive Utilization - The course combines the common fruit products and agricultural production needs of recipient countries, introduces different storage technologies such as humidity, temperature, and oxygen control, processing technologies such as dehydration, pickling, freezing, and baking, as well as comprehensive utilization models and their impact on product quality and shelf life.</li> <li>10)Food Packaging and Technology - Introducing 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.</li> <li>11)E-commerce and brand building of fruits - This course will combine the actual situation of countries along the "the Belt and Road" to deeply explore the ways and means of expanding sales channels and enhancing brand influence of e-commerce of fruits. At the same time, it will also share successful cases and explore cooperation models.</li> <li>12)Comprehensive utilization of fruit by-products - Introducing how to comprehensively utilize these by-products and develop new products with high added value, such as developing high nutrient foods, health products, or beauty products.</li> </ol> <p>2. Introduction to the Overall Situation of the Presenter</p> <p>This seminar 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.</p> <ol style="list-style-type: none"> <li>1)Mr. Ma Teng, Senior engineer from CAAMS, is engaged in implementation and management of agricultural projects, international training and trade.</li> <li>2)Mr. Song Xiaomin, Senior engineer from CAAMS, is engaged in implementation and management of livestock machinery projects, international training and trade.</li> <li>3)Mr. Liu Xiangdong, Professor of China Agricultural University, is engaged in research and teaching in the field of agricultural product processing.</li> <li>4)Mr. Zhao Mingjie, Researcher from CAAMS, is engaged in research and trade of facility agriculture.</li> <li>5)Ms. Liu Yanhong, Professor of China Agricultural University, is engaged in research and teaching in the field of fruit and vegetable processing and storage.</li> <li>6)Mr. Wu Xiaomeng, Associate Professor of China Agricultural University, is engaged in research and teaching in the field of agricultural product quality control.</li> </ol>
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7)Mr. Gu Zheng, Associate Professor of China Agricultural University, teaching in the field of agricultural product distribution and e-commerce.

#### Planned Visiting Activities

This seminar 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, related companies and industrial parks 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

1) Participants should prepare a country report on the related topic before the seminar starts. The reports covers not limited to □ basic national conditions: the government's management organization and management of agriculture-related departments, the basic general situation of agriculture, fruit products and processing resources; □ status of fruit processing and trading, reservation technology; □ strategy in the field of agricultural processing; □ agricultural policies, laws and regulations; □ international cooperation: fruit production and processing and relevant industries with main cooperating countries, the existing cooperation mode and management, and so on.

2) Participants should achieve 80% or higher attendance rate to get the certificate of the training.