

Seminar on Integrated Technology of Dairy and Beef Cattle Production for Developing Countries

Program	Seminar on Integrated Technology of Dairy and Beef Cattle Production for Developing Countries		
Organizer	Yangling International Exchange Center of Agricultural High-tech Industry Demonstration Zone		
Time	Nov. 16-Dec. 6, 2022	Language	English
Countries invited	Developing countries	Number of participants	25
Training Objectives	The seminar enables the participants to understand Chinese excellent beef cattle breeds and the key points of the feeding management, so that they can master the key points of beef cattle feeding management technology, beef cattle slaughter management technology, and promote new concepts, technical specifications and healthy breeding technology for developing countries to promote the sustainable and rapid development of livestock industry in developing countries.		
Requirements for participants	Professional background	Field or specialty: agricultural science and technology, livestock breeding, livestock engineering technology, etc. Jobs: Divisional officers and technicians, etc.	
	Language Proficiency	Participants should have the ability to listen, speak, read and write English, the working language of the project	
	Others	Ability to use the ZOOM meeting platform to complete training schedules	
Introduction of training content	<p>1. Introduction of main training courses</p> <p>The seminar mainly includes general courses, lectures and workshop. The general course mainly introduces the national conditions of China and the experience and stories of Chinese pandemic prevention and control. The lectures combine with the theme of the training course to introduce the current situation of China's beef cattle industry development, beef cattle feeding management technology, and the construction of pasture bio-security system.</p> <p>(1) China's national conditions: mainly introducing Chinese history and folk culture.</p> <p>(2) China's international anti-pandemic cooperation: mainly introduces the relevant initiatives and anti-pandemic cooperation in the fight against COVID-19.</p> <p>(3) Status of China's beef cattle industry, excellent breeds of beef cattle and crossbreeding utilization: Introduction to the development of the world and China's beef cattle industry, the characteristics of the main excellent breeds of beef cattle and beef cattle crossbreeding improvement technology.</p> <p>(4) Beef cattle feeding and management: Introduction to the key techniques of beef cattle feeding and management at various stages.</p> <p>(5) Beef slaughter and beef division: introduction to beef cattle slaughter, quarantine, and beef product packaging and other technologies.</p> <p>(6) Large-scale cattle farm design and environmental control: Introduction to the design of large-scale cattle farms and core technologies of environmental control; dairy farm planning and design and facility management techniques.</p>		

(7) Good breeds of dairy cattle, feeding and management technology: introduce the development of domestic and foreign dairy industry, the characteristics of good breeds of dairy cattle, and the key technology of dairy cattle feeding and management at various stages.

(8) Mechanized milking system and milk parlor management: introduction to the structure of large-scale dairy farm milking system and management, as well as the management of the milk parlor.

(9) Farm bio-security system construction: Introduction to farm layout, breeding environmental conditions, farm isolation treatment of sick animals.

(10) Calf major disease control: Introduction to the main calf diseases and control.

2. Introduction to the workshop

Participants are invited to make national reports on the industrial overview and industrial breeding experience of beef cattle and dairy cattle. Famous experts in related fields are invited to host them to discuss the application of comprehensive technology for beef cattle and dairy cattle production, and to guide them to put forward improvement measures of beef cattle breeding technology and crossbreeding improvement ideas suitable for the characteristics of their own livestock industry and technical promotion suggestions suitable for their national conditions based on what they have learned, and to explore international cooperation opportunities in related fields.

Note: The above course content is subject to the actual schedule.

Teaching method: Online lecture.

Lecture time: In principle, two lectures or seminars of two hours each will be arranged for each working day.

3. Introduction of the lecturers

The lecturers mainly come from Northwest Agriculture and Forestry University and Yangling Vocational College. All lectures have rich and comprehensive command of knowledge related to beef and dairy cattle production, breeding and other related contents, which can ensure high quality and efficient completion of teaching.

4. Materials to be prepared

In order to facilitate the seminar and exchange, please prepare communication materials related to the theme of the seminar, such as: ① Basic national conditions: the basic situation of your country, the current status of your country's comprehensive technology for beef and dairy cattle production; ② Introduction to related industries: introduce the development of beef and dairy cattle production in your country, the current technology and problems encountered, share successful experiences and explore opportunities for international cooperation.

Remarks	<p>1. Disciplinary requirements: During the implementation of the program, please strictly abide by the program schedule and do not arrange activities not related to the training without permission or withdraw from the training without reason. During the teaching period, please observe the teaching time and discipline, and the attendance record will be an important basis for issuing the training completion certificate. Please enter the ZOOM classroom 5 minutes early to prepare for the class. Change your personal name to English (same as your passport) name. The facilitator will mute everyone during the class. When entering the room to prepare for the class, please ask the participants to turn on the video function to facilitate the roll call.</p> <p>2. This training uses the ZOOM platform for online training, so you need to have internet, computer, microphone, camera and other related equipment.</p> <p>3. If there are any religious taboos, please communicate with the organizer in advance.</p> <p>4. Information security: To protect information security and personal privacy, please do not record, take screenshots or share to any social media during the course. Course materials will be sent to participants after the class.</p> <p>5. Participants are required to prepare seminar materials according to the seminar exchange schedule and submit relevant electronic materials as required.</p> <p>6. The course is equipped with English and Chinese consecutive interpretation.</p>
Introduction of the Organizer	<p>As the first national agricultural high-tech industry demonstration zone in China, the Yangling Demonstration Zone has undertaken international exchange and cooperation as one of its national missions, and foreign aid training is an important way to carry out international exchange. In August 2011, the Ministry of Commerce established the China Dry Crop Agricultural Technology Training Base in Yangling, which main function is to provide talents training for developing countries. At present, 133 foreign aid training programs for developing countries have been held in Yangling Demonstration Zone, with training topics covering cooperation in agricultural industry and poverty reduction, soil and water conservation, dry farming, modern agricultural economic management, and environmental regulation of agricultural production in dry areas, etc. A total of more than 3,300 trainees from more than 110 developing countries have participated in training in Yangling. Through training and exchange, Yangling Demonstration Zone has established cooperation with more than 60 countries around the world. Experts from Yangling Demonstration Zone have participated in many foreign aid projects of developing countries such as Ethiopia, Egypt, Cameroon, Sudan and Eritrea, providing technical support for local agricultural development and playing an important role in promoting the development of modern agriculture in the relevant countries.</p> <p>As the first national agricultural high-tech industry demonstration zone in China, Yangling is one of the areas with the greatest concentration of innovation factors such as agricultural science and technology, talents and resources, gathering more than 70 disciplines such as agriculture, forestry, water, and more than 7,000 talents in agricultural science and education. Yangling has outstanding advantages in animal husbandry research, education, technology promotion and animal husbandry industrial development. The only beef cattle engineering technology center in China is located in Yangling. The successful promotion of breeding technology by the enterprises of Qinchuan beef cattle and Chinese black and white flower cows in the zone has radiated more than 200 demonstration bases nationwide.</p> <p>At present, Yangling Demonstration Zone has formed a stable teaching team and perfect teaching system in the field of healthy breeding of beef cattle and dairy cows, established a</p>

	<p>complete education chain consisting of feed mills, beef cattle farms, slaughterhouses, dairy farms and dairy processing plants, etc. It has obvious location, industrial and personnel technical advantages in the field of international training of beef cattle and dairy cattle technology. Since 2016, relying on the strong scientific and educational strength of Northwest Agriculture and Forestry University and Yangling Vocational College, we have successfully held four successive comprehensive technical workshops on beef cattle and dairy cattle production, trained 92 participants, formed a mature teaching curriculum, established a team of experienced and well-known experts, and trained a number of talents in the field of beef cattle and dairy cattle production technology in relevant countries, which was given good remarks by trainees from participating countries.</p>
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