

Advanced Training Program for Agricultural Technology Innovation

Transfer on “Belt and Road” Rice

1. Background and Objectives

In order to consolidate and develop the Alliance of International Science Organizations on Rice & Wheat Variety Technology Innovation and Transfer (ANSO-RWIT), and in response to the needs of the “One Belt And One Road” countries in southeast Asia, South Africa and other countries for the cultivation of major crop varieties such as rice and the transfer of production technology innovation. The training course was organized to extend China’s successful experience in rice agricultural technology innovation and transfer, especially hybrid rice technology innovation and transfer, to these countries in to improve agricultural technology innovation and transfer capacity of local rice and other crops and to ensure regional and world food security.

2. Overview of the Plan

- Host: Chengdu Institute of Biology, Chinese Academy of Sciences, Sanya Sci-Tech Academy of Hainan National Breeding and Multiplication, Sanya Silk Road Agricultural Research Institute Co. Ltd.
- Trainer: Academician Yuan Longping and other domestic and foreign experts and scholars in the field of rice variety technology innovation and transfer research.
- Trainee: About 20 senior management, research and promotion personnel of representative agricultural management institutions, research institutes and multinational corporations from Southeast Asia, South Asia and Africa.
- Duration: 15 days (date to be determined)
- Location: Sanya, Hainan, China
- Courses: Lectures and seminars on the current situation and development of rice and other crops in China, experimental operation of crop molecular breeding technology.

3. Expected Outcomes

- To understand the current situation and development trend of rice and other crops in China.
- Be familiar with the basic principle of crop molecular breeding technology, master relevant experimental operation, and improve the theoretical and practical level of crop molecular breeding.
- Enhance the understanding between ANSO-RWIT organizers and students (and their home countries), strive for more students and their organizations to recognize and join the ANSO-RWIT;
- Significantly expand the influence of ANSO and our institute in foreign aid and international scientific and technological cooperation and exchange.

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