Establishment of an Intelligent Production System for Seeds and Seedlings

Online: FFTC Webex Meeting Room: Link
&
Onsite: Room 505AB, 5 Floor, Hall 1, Taipei Nangang Exhibition Center, Taiwan
09:00-16:45 (GMT+8) November 10, 2022 (Thursday)

Program

Time (GMT+8)	Program	Note
09:00-09:30	Registration	30 mins
09:30-09:50	**Opening Ceremony** Emcee: Mr. Ronald G. Mangubat, Information Officer, Food and Fertilizer Technology Center for the Asian and Pacific Region	
	Opening Remark Dr. Junne-Jih. Chen Deputy Minister, Council of Agriculture, Taiwan Dr. Su-San Chang Director, Food and Fertilizer Technology Center for the Asian and Pacific Region Dr. Ravi Khetarpal Executive Secretary, Asia-Pacific Association of Agricultural Research Institution **Speakers' introduction** **Group Photo**	20 mins
09:50-10:45	**Keynote Session** Moderator: Prof. Huu-Sheng Lur, Dean, College of Bioresources & Agriculture, National Taiwan University	
	Keynote Speech 1: Overview of seeds and seedlings production in the South and southeast Asia in the post-pandemic era	20 mins

	Mr. Ram Kaundinya Director General Federation of Seed Industry of India	
	Keynote Speech 2: Promotion of Taiwan's seeds and seedlings smart production system Dr. Ting-Lin Chang Director Taiwan Seed Improvement and Propagation Station, Council of Agriculture	25 mins
	Discussion	10 mins
10:45-11:00	Coffee/ Tea Break	15 mins
11:00-12:00	**Session 1: The current status of seeds and seedlings production and international cooperation in the Asian and Pacific region** Moderator: Dr. Bo-Jein Kuo, Professor, Department of Agronomy, National Chung Hsing University	
	Malaysia Current status of the Malaysia seed industry Mr. Ariff Merican Deputy Director Seeds, Planting Materials and Livestock Programme, Commercilization and Business Centre (CB)	25 mins
	Philippines Seeds and seedlings production in the Philippines: current and future prospects Dr. Queenie S. Tabur (TBC) Agriculturist Bureau of Plant Industry, Los Baños National Crop Research, Development and Production Support Center	20 mins
	Discussion	15 mins
12:00-13:30	Lunch Break & AAT Tour	1 hr. 30 mins
13:30-14:50	**Session 2: New technologies for establishing intelligent production systems for seeds and seedlings**	

	Moderator: Dr. Jyh-Rong Tsay, Deputy Director General, Taiwan Agricultural Research Institute, COA	
	Japan Grafting robot for tomatoes using low-cost plastic tape (Tentative) Ms. Natsuki Nakayama Chief and Researcher Horticultural Production System Group, Division of Intelligent Agricultural Machinery Research, NARO **Thailand** Artificial intelligence and cold plasma technologies for intelligent rice seed production systems Dr. Damrongvudhi Onwimol Assistant Professor Department of Agronomy, Faculty of Agriculture, Kasetsart University **Taiwan** Establishment of seed image recognition technology and its application (Tentative) Dr. Ching-Han Chen Professor Department of Computer Science & Information Engineering, National Central University	3 speakers (20 mins/ speaker)
	Discussion	20 mins
14:50-15:05	Coffee/Tea Break	15 mins
15:05-16:05	**Session 3: Practical application cases of new intelligent technologies at home and abroad** Moderators: Dr. Kai-Yi Chen, Associate Professor, Department of Agronomy, National Taiwan University	
	Korea Future plant breeding trend for vegetable using new breeding technologies Dr. Youngsup Shin Deputy General Manager Noroo Holdings Co., Ltd. **Vietnam**	3 speakers (20 mins/ speaker)

	Rice seed and seedling production technologies at CuuLong Delta rice research institute: current status and looking forward Dr. Nguyen Cao Quan Binh Vice Head Scientific Management and International Cooperation Office, Cuu Long Rice Research Institute (CLRRI)	
	Discussion	20 mins
16:05-16:25	**Closing Ceremony:** Closing Remarks	20 mins