

Taiwan Innovative Agricultural Machinery Pavilion

At 2018 Taoyuan Agriculture Expo

2018 Taoyuan Agriculture Expo that incorporates the idea of “Smart Technology, Green Life” will be held at Xinwu District in Taoyuan City for 40 days from April 4, 2018 with about 30 Hectares and divided into 23 pavilions with 6 major themes including “Smart Technology”, “Unique Industry”, “Cultural and Creative Arts”, “Local Life”, “Multiple Culture”, and “Sustainable Environment”.

In order to share the outstanding R & D achievements and excellent products of Taiwan agricultural machinery in saving labors and automation with domestic and overseas agricultural sectors, the Council of Agriculture, Executive Yuan (COA) organizes the "Taiwan Innovative Agricultural Machinery Pavilion", which will take place at the venue of 2018 Taoyuan Agriculture Expo. In an area of 2100 m², 9 affiliated agricultural research institutes and extension stations of the COA and 28 techniques transferred or cooperative agricultural machinery companies are convened to exhibit the innovative R & D

achievements and high quality commercialization of Taiwan agricultural machinery in recent years.

A total of 62 agricultural machinery R & D achievements are to be exhibited, which are divided into 5 major categories such as "Special Crops and Tea", "Vegetables, Flowers and Seedlings", "Rice and Miscellaneous Grains", "Fruit Trees" and "Greenhouses, Facilities and Equipment". In addition, 25 member companies with the exporting performance from Taiwan Agricultural Machinery Manufacturers' Association will participate and show their excellent agricultural machinery products. Meanwhile, the smart environment control greenhouse is displayed, combined with sensing system, drip irrigation and irrigation control system. They will be coupled with onsite introduction, demonstrations and other promotional activities, such as transplant, pesticide application, cultivating and harvesting to present the achievements of Taiwan smart agriculture in a concrete fashion.

The agricultural machinery progress has played an indispensable role for the flourishing development of

agricultural technology and cultivation efficiency in Taiwan recently. The machinery items that Taiwan is famous for include economical small machines like cultivators, mowers, and sprayers as well as grain dryers, grain cooler silo system, and greenhouse environment control equipment, which enjoy worldwide fame for the quality. This result came from the efforts of interdisciplinary and cross-team cooperation between agricultural research institutes and extension stations, universities and mechanical design and manufacturing industry. To relieve farmland labor shortage and increase the efficiency of agricultural production, research and improvement of the modern automation agricultural machinery have been performed by applying engineering technology including mechanical design and mechanical manufacturing as well as electronic control automation and ICT technology.

The field operations in Taiwan has reached a fairly high level of mechanization due to the agricultural mechanization program initiated in more than sixty years ago. After years of nonstop research and development and continuous

improvement, Taiwan's small farm machinery has been exported to more than 40 countries around the world and acclaimed widely with the excellent quality and reasonable price. Therefore, Taiwan's agricultural machinery industry has transformed into an export powerhouse and progressively shifted its target market toward Southeast Asia, China, and other countries, instead of supplying to domestic users.

Taiwan's tropical agricultural technology has always been renowned both domestically and abroad, and the COA sincerely welcomes all the distinguished guests to visit the "Taiwan Innovative Agricultural Machinery Pavilion" at 2018 Taoyuan Agriculture Expo to find out the technological capabilities of Taiwan's agricultural machinery and promote bilateral exchange and cooperation in agricultural technology. Taiwan's agricultural technology and agricultural machinery products make us a strong partner to both domestic and overseas entities who seek to improve agricultural production efficiency, quality, and output.

Time: April 4, 2018 to May 13, 2018 (am: 9:00 ~ pm: 5:30)

Venue: Xinwu District, Taoyuan City, Taiwan (R.O.C.)

Traffic information: <https://goo.gl/AW6mcs>

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