
Oral sessions | Field Crop Production | O13: Current Issues on Tropical Crops

[O13] Current Issues on Tropical Crops

*Sponsored by the Japanese Society for Tropical Agriculture / The Society of Sago Palm Studies

Chair: Hiroshi Ehara (Nagoya University, Japan)

Chair: Hitoshi Naito (Kurashiki University of Science and The Arts, Japan)

Chair: Rosa Rolle (Food and Agriculture Organization of the United Nations, Italy)

Thu. Sep 9, 2021 5:00 PM - 7:00 PM Room 1 (Oral) (Field Crop Production)

5:55 PM - 6:10 PM

[O13-04] A Survey on Home Garden Horticultural Crops in Two Selected Areas in Myanmar

○Thanda Aung (Department of Horticulture, Yezin Agricultural University, Myanmar)

This study aimed to assess the status of home gardens and richness of horticultural crops in selected areas and to investigate the functions of home gardening. Totally 35 ordinary households were randomly selected out of 105 households of a village for study-1 and 10 commercially produced households of another village were focused for study-2 during May to July in 2017. Collected data were area measurements of household compounds and buildings, crops information and owners' information. The results showed that compound areas were ranged from 50 to 891 m² for study-1 and 1300 to 3900 m² for study-2. The potential lands to grow more plants were 56% in study-1 and only 16% in study-2. Six kinds of crops could be classified and fruits, vegetables and ornamental plants were mostly grown in both villages. The ages of owners could be classified from 25 years to 76 years old. In study-1, 32% of owners finished primary education level while 40% finished high school education levels in study-2. The highest family members were 3 to 4 members (35%) in study-1 and 5 to 6 (60%) for study-2. Crop growing experiences of owners were from 1 to 31 years. Among nine different income sources, farmers were nearly 50% in both studies. Most owners were expecting to do continuous planting for home gardening.