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HCG36-P03

Room:Convention Hall

Time:May 24 18:15-19:30

Production and maintenance of the most useful tree in a closed environment

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Trees can have several important roles; oxygen supply, carbon fixation, materials and functional substances for human especially in closed bio-ecosystems. In general, the genetic background of all productive trees are basically different because of cross pollination. We are now screening useful trees and their maintenance techniques using several traditional methods of trees planting. Species of Sakura are originally grown in the Mt. Fuji area, oligotrophic location. We are trying to create the best useful woody plant under closed bio-ecosystems with "Mamezakura", *Prunus* incisa, as a model tree.

Keywords: Closed bio-ecosystems, Tree planting, Prunus sp., useful tree