

Abstract

The study of harvesting index of 4 cultivars of Avocado; Booth 7, Booth 8, Buccaneer and Hass at Tung Rueng research station and Khun Huay Hang, Chiang Mai. 5 tree of each avocado cultivars were selected, flowers were tagged and the fruit were harvested after 180 days after blooming every 10 days and 10 fruit per day. The result showed that the date after blooming is precise harvesting index of avocado, Booth 7 cultivar can be harvested at 171 days after blooming and 177 days after blooming in Booth 8 cultivar. Buccaneer cultivar at Tung Rueng can be harvested at 181 days after blooming while Buccaneer cultivar at Khun Huay Hang can be harvest at 187 days after blooming. Hass cultivar at Tung Rueng can be harvested at 242 days after blooming while Hass cultivar at Khun Huay Hang can be harvest at 251 days after blooming. The percentage of dry weight can be harvesting index of 4 cultivars. The suitable dry weight of Booth 7 and Booth 8 cultivars are 14.76 and 16.51. The suitable dry weight of Buccaneer cultivar at Tung Rueng and Khun Huay Hang are 17.17 and 17.22%, While the suitable dry weight of Hass at Tung Rueng and Khun Huay Hang are 24.72% and 28.98%.

The external and internal characteristic of the fruit such as fruit color, seed color, seed coat, are not recommend to use for harvesting index, the same as fruit gravity.