

Postharvest life of guava fruit under selected postharvest handling practices

ABSTRACT

Guava (*Psidium guajava* L.) of Myrtaceae family is one of most popular amongst tropical fruit because containing high phytochemical content especially ascorbic acid which measured containing around 60 to 1000 mg/100g. Guava cultivated area in Malaysia showed increasing trend with only around 1,500 ha in 2009 to almost 3,500 ha in 2013 (KPIAT, 2014). Increase in the cultivation area followed by increase production value pattern of only around RM50 million in 2009 into around RM120 million in 2013. The data indicated an increment of 100% on the cultivated area and around 150% on the production value within five years. Guava has a high economic potential with good yield that can produce fruits of around 15 mt/ha/yr (JPS, 2014). The statistics are expected to continue increase in the near future with opening of more production zoning area with basic infrastructures called Permanent Food Production Area (TKPM) throughout the Sabah state of Malaysia.