Title	Comparison of honey and organic acid dips on browning inhibition of fresh-cut 'Nam Dok
	Mai' mango fruit
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Abstract

The purpose of this study was to comparison the effects of honey and organic acid dips on freshcut 'Nam Dok Mai' mango fruit browning inhibition during storage. The effects of honey concentration on browning inhibition of the freshcut mango were investigated by dipping the fresh-cut fruit into honey solution at the concentrations 0, 5, 10, 15,20 and 25 % (v/v). The highest browning and lowest lightness and yellowness were shown in the control fruit. No differences in lightness and yellowness of the freshcut fruit dipped in honey solutions and the control at day 0 were found. The lowest browning index was found in the fresh-cut fruit dipped in 25 % honey solution. The comparison of the honey dip and organic acids dip on browning inhibition of the fresh-cut mango fruit was investigated. The fresh-cut fruit were dipped in 25% honey or 1 % citric acid or 1 % ascorbic acid or distilled water (control). The results show that 25% honey dip effectively inhibited browning on the cut-surface, maintained colour and reduced the loss of fresh weight of the fresh-cut mango fruit when compared to the control fruit and 1 % ascorbic acid dip. However, no difference in browning inhibition between 25% honey and 1 % citric acid dip was found. Therefore, we suggested that 25% honey immersion effectively inhibits browning of the fresh-cut fruit during storage.