

Thesis Title Influence of Temperature on Storage Life and Chilling Injury
of Mango cv. Choke Anan

Author Miss. Jiraporn Kuakhuntod

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Thesis Advisory Committee Prof. Dr. Nithiya Rattanapanone Chairperson

Assoc. Prof. Dr. Danai Boonyakiat Member

Abstract

The study on the effect of temperature on storage life and chilling injury of mango cv. 'Choke Anan' by utilizing the hot air treatment at the temperature of 38°C for 18, 24 and 30 hours, and storing the mango at 5°C, indicated that all of the methods could neither extend the storage life nor reduce the chilling injury of the mangoes. Dipping mangoes in the 40°C water for 10, 20 and 30 minutes before stored at 5°C and step-wise storage, 10°C for 1 and 2 days with/without dipped in 40°C water for 10, 20 and 30 minutes before stored at 5°C, not only extended the storage life but also reduced the chilling injury of the mangoes.