

Title Development of Sweet Tamarind Pod Retail Packaging
Author Dolhathai Rachanukroa, Bundit Jarimopas, Sher Paul Singh
Citation Proceedings: Abstract Summary, International Conference on Agricultural, Food and Biological Engineering & Post Harvest/Production Technology, Sofitel Raja Orchid Hotel, Khon Kaen, Thailand, 21-24 January 2007. 204 p.
Keywords Sweet tamarind; retail; packaging

Abstract

Sweet tamarind is a popular fruit of Thailand. Sweet tamarind flesh is tastily sweet and sour and is rich with nutrition. The sweet tamarind is nowadays presented to consumers in several retail packagings. The knowledge of the performance of sweet tamarind retail packagings has been so far unavailable. The purpose of the present research was then to comparatively test and evaluate the current and the developed retail packagings of sweet tamarind. Methodology comprised of (a) a determination of human dropping characteristics in selected supermarkets, (b) a performance test of the current sweet tamarind retail packagings, (c) a performance test of the developed sweet tamarind retail packaging, and (d) an analysis of damage. Two varieties of Si-thong and Sri-chompoo sweet tamarind were used. Results showed that the maximum and the minimum damages were with the plastic net and the paperboard box, respectively, to both varieties. The developed retail packaging made of a single face of corrugated paper and foam ball could reduce the damage the sweet tamarind pod of Si-thong and Sri-chompoo to about one-fifth and one-third of the related maximum damage, respectively.