

Title Development of suitable vinyl package for *Satsuma Mandarin* cultivated in plastic house
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Abstract

This research was designed to select a packaging material to improve quality and extend fruit freshness in modified atmospheres. Fruit (*Citrus unshiu*) were packaged in film with different hole levels as bored percentage of plastic surface of 1, 3, 5%, and then stored at 4°C or 8°C in storage room. Some physical and chemical analyses were conducted which were taken at different intervals of storage and shelf life period. The most successful results regarding storage of *Citrus unshiu* were obtained from PE package material with individual sealing and bored 3% of film surface containing holes.