

Title Influences of Packaging Materials and O₂:CO₂ Gases on Quality and Storage Life of Tangerine
(*Citrus reticulata* Blanco)

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Abstract

The results of influences of packing materials and O₂:CO₂ gases on quality and storage life of tangerine (*Citrus reticulata* Blanco) showed that TSS content of tangerine increased whereas TA content gradually decreased corresponding to the storage time increased. The packaging materials, PE bag had more pronounce effect on quality and storage life of tangerine than LDPE and PP bags which contrary LDPE and PP bags had greater effects than PE bag on fresh weight loss color changing of rind, pulp and taste. The tangerine stored in PE bag as follows: + O₂:CO₂ 0:0, 5:5, 5:10, 10:15 and 10:20 PSI that provided the longest storage life for 63 days whereas the shortest storage life for 14 days which were obtained from LDPE and PP bag + O₂:CO₂ at any flow rates and showed significantly difference.