

Recent advances in postharvest research on longan fruit

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Abstract

This paper reviews recent advances in research on the storage characteristics of longan fruit after harvest from the viewpoints of storability, harvest maturity, postharvest disease, aril breakdown and especially pericarp structure. Types of postharvest biological changes in longan fruit are also summarized including respiration, ethylene release, cell membrane permeability, aril quality, senescence physiology related to free radicals, aril breakdown, chilling injury physiology, roles of polyamine and postharvest molecular biology.