

The Primary Report of Waxapple Postharvest Disease

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Abstract

The Waxapple postharvest disease was reported in Kaohsiung District Agricultural Research and Extension Station, Pingtung, Taiwan, in 2004. The investigations result showed that wax-apple postharvest disease incidence were 2~5% and 75~90% after 3 day and 21 days after Package under room-temperature conditions respectively. Eight pathogens were found from isolated disease wax-apple fruits, such as *Phytophthora palmivora*, *Penicillium* sp., *Aspergillus* sp., *Rhizopus* sp., *Mucor* sp., *Cladosporium* sp., *Colletotrichum gloeosporioides* and *Pestalotiopsis euginae*. The wax-apple postharvest disease incidence are closely related to the storage temperature, humidity and package material. The wax-apple postharvest disease incidence were 0% and 15% 7 and 21 days after package at temperature of 12°C condition respectively.

Key words: wax-apple, postharvest disease, pathogens, disease incidence, storage temperature.

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