

# Postharvest storage of *Citrus tankan* fruit under normal condition and cold storage

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## Abstract

*Citrus tankan* is one of the superior local fruit products from southern Kyushu and Okinawa, which is considered excellent in taste and contains a high nutritional composition. Postharvest storage of *Citrus tankan* is very important in order to supply a high quality product for consumers and reduce postharvest losses. Sugar and mineral contents were evaluated during 30 days of cold storage, which involve a low temperature, high humidity (5°C, 85%) and during normal condition (25°C, 65%). The a-color value, soluble solids content, and fruit weight loss increased with number of storage days under both conditions. Acidity was stable during normal storage. Meanwhile, respiration and rupture force of *Citrus tankan* was higher under normal storage conditions than during cold storage.