

The present and future of postharvest technology of fruits

Tsu-Tsuen Wang

Associate Professor, Department of Horticulture
National Taiwan University

Abstract

Postharvest handling is the last phase in the production of fruits. The quality of postharvest technology had pronounced effect on the marketing life and final quality of the fruit, it had direct influence on the revenue of the grower and the shipper, and also affect the benefit of the fruit that the consumers could enjoy. In this paper, the basic principles in the postharvest handling of fruits were briefly introduced. From the standpoint of fruit quality, some key factors that would affect the quality of the produce were discussed. And in the last part, two of the developing technologies in the postharvest handling of fruits, the non-destructive technology and technologies in the biological control of postharvest disease were presented. It is hoped that this presentation would elevate the postharvest technology of fruits in this country.

Key words: preharvest, maturity, harvest, handling, non-destructive techniques, biological control.