Title Experiences with recent postharvest technologies in kiwifruit

Authors N. Lallu, J. Burdon

Citation ISHS Acta Horticulturae 753:733-741. 2007.

Keywords Actinidia; NIR; HarvestWatchTM SmartFreshSM; dry matter; CA; ethylene

Abstract

Recent postharvest technologies available to the kiwifruit industry include near infra red spectroscopy, HarvestWatchTM and SmartFreshSM. In this paper, the use of these technologies within the New Zealand industry is discussed and some data from laboratory, semi-commercial and commercial trials are presented. The emphasis is in how well the biology of kiwifruit, or relevant biological process within kiwifruit, is matched to the technology. It is concluded that the biology of kiwifruit and SmartFreshSM or HarvestWatchTM are reasonably well matched and therefore it appears that SmartFreshSM and HarvestWatchTM can be appropriate technologies for the kiwifruit industry.