

Effect of Harvest Date on Postharvest Quality of Sweet Cherry cv. Kordia During MAP Storage

Ö. Çalhan, C.E. Onursal, A. Güneyli, İ. Eren
Directorate of Fruit Research Station / Eğirdir
Isparta
TURKEY

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ABSTRACT

In this study, changes in the quality of cv. Kordia sweet cherry fruit was harvested at different dates and stored in modified atmosphere packaging (MAP) were investigated. Fruit was picked at three different dates (P-1: early; P-2: optimum; P-3: late) at intervals of 5 days. The harvested fruit were stored at 0 °C under MAP (Life Pack® bag for cherry) for 6 weeks. During storage, fruit quality analyses were made at intervals of 2 week. Weight loss of the early and late picked fruit was greater than that of fruit from the optimum harvest date. The respiration rate was higher in the early and late picked fruit than those from the optimum harvest date. The respiration rate increased during storage for harvest dates. The TSS decreased as harvest date progressed and with increasing storage time. The L* and a* values of the fruit decreased as harvest date progressed and with increasing storage time.