

The optimum harvest date of Red and Golden Delicious apple from samirom

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This study was carried out to evaluate the effect of harvest date (maturity) on the quality and storage life of Red and Golden Delicious apple from Samirom area in Iran which produces an high quality of apple . The design of experiment was factorial on the base on randomized complete blocks.

Fruits were harvested in four times at weekly intervals and transported quickly to horticultural Lab in Karaj. In each instance the number of days from full bloom to harvest was reported. Samples were stored at 0C for 6 months. Content of soluble solids, color, titrable acidity and firmness of fruit were measured before and after storage.

Results indicated significant relations between full bloom and harvest. To have the best results Red delicious should be harvested 140-142 and Golden delicious 144 to 148 days after full bloom.