

## **Studing and determination of the suitable time of harvesting for golden and red delicious apple cultivars**

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For determination of suitable time of harvesting for golden and red delicious apple cultivars in the field and foot of mountains from point of view of storing quality, this experiment was conducted from 1992 by R.C.B.D with 4 treatments and 4 replications and 4 tests.

The treatments were 4 harvesting time for every cultivars with one week interval and the first harvesting time was 135 days after full blooming. Every harvest included 16 boxes of 20 kilograms, by 4 replication for every test, in every harvest before storing, 20 samples were taken and tissue resistance, pH, percent of solid materials, acidity and through storing time, were measured every two months. Ten days after taking out of cold storage above measurements were repeated. After analysis of variance, the averages, were compared with Duncan's Test. Results show that 4 different times of harvesting from point of view of most characters differ significantly with each other, and the best time of harvesting for red and golden delicious is the third harvest, it means 142-149 days after full blooming.