

Influence of different severity of summer pruning on some qualitative and quantitative characteristics of Sultana grapes

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In order to study the effects of different levels of topping on some qualitative and quantitative characteristics of grape an experiment was conducted on Sultana grapes for 2 years in Kahriz Horticulture Research Station.

The aim of this study was to achieve the best procedure for shoot cutting. The experiment was done based on the completely randomized design with 3 replications and 8 treatments. After the analysis of variance of data LSD was used to compare the means.

The results showed that the effect of the treatments of topping on yield and total soluble solid was significant, but no significant effect was observed on the rate of acid and pH of berries.

When 40% of shoots were deleted better rate of yield and high content of sugar were achieved.

Finally it seems that the treatment of 40% of topping is useful in the conditions similar to Kahriz Research Station