

The Influence of Zinc Applications from Soil and Foliar at Different Levels on Some Quality Characteristics of Sultana Raisins

Authors : Harun Çoban, Aydın Akin

Abstract : In this study, the effects of different dose zinc application from soil and foliar on drying yield and some quality characters of raisins 'Sultana' were investigated. The experiment was conducted in randomized blocks with four replications, zinc treatment was used at one time (before pre- bloom) and from foliar in three times (pre-bloom, fruit set, and veraison). At harvest, both soil and foliar zinc sulphate applications increased the amount of fresh grapes per vine. Fresh grapes were dried on the drying place. However, the most efficient applications for drying yield and quality of raisins were observed from foliar. Therefore, it was preferred that foliar application dosage level at 0.10 %.

Keywords : zinc, raisins, soil application, foliar application, sultana, expertise value

Conference Title : ICABBBE 2016 : International Conference on Agricultural, Biotechnology, Biological and Biosystems Engineering

Conference Location : Amsterdam, Netherlands

Conference Dates : May 12-13, 2016