

Effects of trunk injection of ethephon on quality and quantity of pistachio (*pistacia vera l.*) cv. Ouhadi

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Pistachio is one of the important products in Iran and since its quality is important in marketing of this production, any research for the quality improvement will be usefull. In this connection trunk injection of ethephon was carried out one month befor harvesting to improve some quality characteristics of pistachio (*Pistacia vera L.*) cultivar Ouhadi in Rafsanjan Pisatchio Research Institiute (RPRI). Data was transfered in the form of percentage and also analysed by randomized complete block desing in 3 treatments and 3 replications in summer 1998. Treatment included the use of ethephon in 3 concentration i.e., 40 mg/lit (treatment 1) 10 mg/lit (treatment 2) and control (treatment 3). Results indicate that 40 mg/lit etheohon was the concentration for injection in which was improved shell dehiscence of pistachio, but there were no significant effects on blank nut, dry and fresh weight and flower bud, leaves and nuts abscission.