

Effect of foliar application of zinc and boron on quantitative and qualitative aspects of Pistachio nut.

M.Seyyedi¹, Dr.H.Lessani² and Dr.M.Baballar³

1- ph.D.student of Horticultural science, Tehran University

2- professor,Dept.of Horticultural science, Tehran University

3- Associate proffesor,Dept.of Horticultural science, Tehran University

This experiment carried out to examine the problems of micro elements deficiency and increase the qualitative and quantitative properties of Pistachio nut in a factorial randomized complete block design in Kerman Pistachio Research Station.

Zinc was applied at 0,2000,5000,10000ppm and boron was applied at 0,500,1000,3000ppm as leaf applied spray. Zinc effect was not significant on blank nut but boron and intractions of Zn and B were significant on blank nut percent and application of 500 ppm B and intraction of 2000 ppm Zn and 500 ppm boron decreased blank nut percentage.

Foliar application of Zn and B and their intractions were not significant on the numbers of nut on ear, shell dehiscence percent, ear weight, nut and kernel weight.