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Effect of zinc and iron on yield and yield attributes of okra (*Abelmoschus esculentus* L.)

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Summary

The present experiment was carried out during the *Kharif* 2010 at Instructional Farm, Department of Agronomy, College of Agriculture, Junagadh Agricultural University, Junagadh. The experiment was laid out with four replications and nine treatment combinations, considering three levels each of zinc (0, 25 and 50 kg $ZnSO_4$ ha^{-1}) and iron (0, 25 and 50 kg $FeSO_4$ ha^{-1}). The results of experiment indicated that, application of $ZnSO_4$ @ 50 kg ha^{-1} significantly increased plant height, number of leaves per plant, immature green fruit girth, immature green fruit yield, dry pod yield, stalk yield and protein content at harvest. Among different levels of iron application of 50 kg $FeSO_4$ ha^{-1} significantly increased number of leaves per plant, immature green fruit girth, immature green fruit yield, dry pod yield, stalk yield and protein content at harvest of okra.

Key words : Iron, Zinc, Okra, Yield, Available micronutrients

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