



Effect of Zinc, Iron and Boron on Growth Parameters, Yield and Quality of Groundnut in Vertisol

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Abstract: A field experiment was carried out to study the effect of zinc, iron and boron on growth parameters, chlorophyll content, yield and quality of groundnut (TAG-24) in deep black soil (vertisol) at Latur, Marathwada Agricultural University, Parbhani. The results revealed that application of RDF + Zn, Fe 1 per cent spray and borax applied alone showed increase in root length, root nodules, dry and fresh weight of nodules, chlorophyll content, yield and quality of groundnut. However, among all the treatments application of RDF + 20 kg ZnSO₄ + Fe-EDTA + 5 kg ha⁻¹ borax was found to be superior over the rest of the treatment in enhancing the yield and quality of groundnut.

Key Words: Zinc, Iron, Boron, Growth Parameter, Yield, Quality of Groundnut.
