Effect of multi-micronutrient mixture on yield and uptake of micronutrients by wheat (*Triticum aestivum* L.) grown on sandy loam soils of North Gujarat

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ABSTRACT

A field experiment was conducted on sandy loam soil of North Gujarat region deficient in Fe and marginal in Zn status at Main Wheat Research Station, SDAU, Vijapur (Dist. Mehsana) of north Gujarat agroclimatic zone - IV (AES -I) to study the efficacy of multi-micronutrient mixture in improving crop production of wheat. The higher grain and straw yield as well as yield attributes of wheat were recorded with the soil application of 15 kg FeSO$_4$ + 8 kg ZnSO$_4$ per ha. Also, the foliar application of 1.0 % micronutrient mixture (grade for Fe and Zn deficiency) having concentration of Fe- 4.0%, Mn-1.0%, Zn-6.0%, Cu-0.5% and B-0.5% at 30, 40 and 50 days after sowing recorded higher yield as well as micronutrient uptake by wheat.