

Figure 1. Grain iron (**A**) and zinc (**B**) concentration of finger millet as affected by genotype and zinc and iron fertilization. T1: 25 kg ZnSO₄7H₂O, 20 kg FeSO₄7H₂O, 131 kg NPS, 60 kg K, 54 kg urea ha⁻¹; T2: 25 kg ZnSO₄7H₂O, 131 kg NPS, 60 kg K, 54 kg urea ha⁻¹; T3: 131 kg NPS, 60 kg K, 54 kg urea ha⁻¹; T4: 30% of T3; T5: 20 kg FeSO₄7H₂O, 131 kg NPS, 60 kg K, 54 kg urea ha⁻¹.

- Grain Zn \uparrow 20% due to T1 & 18.9% due to T2 \rightarrow significant effect of genotype & T2 @ P<0.001, T1 @ P<0.05
- Grain Fe \uparrow 21.4% due to T1 &17.8% due to T5 \rightarrow significant effect of T1 @ P<0.001, T5 & genotype @ P<0.01
- ▶ Location but not slope was a source of variation for both grain Zn and Fe concentration

Conclusions

 The soil application of Zn (T2) and Fe (T5) could be a finest agronomic biofortification strategy to enhance grain Zn & Fe and can offer an immediate & effective The strategy may also improve micronutrient intake of humans which in turn helps to combat MNDs