

Effect of Integrated Use of Nitrogen with Farmyard Manure on Yield and Yield Attributes of Ragi [*Eleusine coracana* (L.) Gaertn] in Alfisols of HAT-Zone of Andhra Pradesh

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ABSTRACT

Field experiment conducted on red sandy loam soil at ARS, Seethampeta of Srikakulam District of High Altitude (450 m) and Tribal Zone, revealed that more plant height, more panicle length and more number of fingers per ear and also higher grain and straw yields were obtained with the treatment received nitrogen @ 40 kg N ha⁻¹ along with FYM @ t ha⁻¹. The tribal farmers were advised to apply nitrogen fertilizers along with organic manures to ragi crop to maintain both the fertility and productivity of the soil and to improve the economic stability of the tribal farmers with high net returns.

Key words : HAT-zone, Integrated Nitrogen Management, Ragi.