Effect of Nutrient Management on Growth and Yield of Pre-release Finger Millet (Variety PPR-2700)

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ABSTRACT

An experiment was conducted on sandy loam soils of the Agricultural Research Station Farm, Perumallapalli, Tirupati (AP) during *rabi*, 2011-12 in a randomized block design with twelve treatments (Nutrient management practices) involving combinations with 100% RDF (60N + 30 P_2O_5+ 20 K_2O kg ha^{-1}) and 150 % RDF (60 N + 30 P_2O_5 + 20 K_2O kg ha^{-1}) and replicated thrice. Among the treatments,150 % RDF+$ZnSO_4$ 0.5 % foliar spray + $FeSO_4$ 0.2 % foliar spray resulted in maximum plant height, dry matter production, effective tillers m^{-2}, weight of ear head, test weight and grain yield compared to rest of the treatments, but maximum straw yield was noticed with 150 % RDF + $FeSO_4$ 0.2 % foliar spray compared to 150 %RDF + $ZnSO_4$ 0.5 % foliar spray + 0.2 % $FeSO_4$ foliar spray.

Key words : Finger millet, Nutrient management.