



Research Paper

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Integrated nutrient management in tomato (*Lycopersicon esculentum* Mill) cv. ROCKY

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ABSTRACT : A field experiment conducted at Horticulture farm, Department of Horticulture, S.K.N. College of Agriculture, Jobner (Jaipur) during summer season, 2010. The experiment was laid out in Randomized Block Design (RBD) with three replications. Nitrogen, phosphorus and potash @ 180, 120 and 80 kg/ha was applied as per treatment through urea, DAP and MOP, boron and zinc was applied @ 10 kg/ha B, 25 kg/ha Zn through borax and zinc sulphate as soil application, respectively. Application of FYM 15 t/ha along with 75 per cent RDF (NPK) + B + Zn proved to be the best treatment combination in terms of number of primary branches per plant, average number of fruits per plant, fruit yield (per plant, per plot and per hectare), net returns and B:C ratio in tomato cv. Rocky.

KEY WORDS : Tomato, INM, Nitrogen, Phosphorus, Potash, Growth, Yield

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