Effect of nutrient ratios on yield and economics of chilli (*Capsicum annuum* L.) cv. BYADGI DABBI in a vertisol of northern transitional zone of Karnataka

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ABSTRACT

Field experiment was conducted during *kharif* 2005 to find out the effect of N and K ratio on yield and economics of chilli cv. BYADGI. The results revealed that application of 200:75:125 kg NPK per ha (2:1.25 N:K) resulted in significantly higher yield per ha (11.59 q ha⁻¹) as compared to RDF (9.19 q ha⁻¹). Economic analysis clearly suggests that application of 200:75:125 kg N:P₂O₅:K₂O per ha/2:1.25 N:K ratio has appeared to be economically feasible to get higher net returns and benefit:cost ratio.

Key words: N : K ratios, Byadgi dabbi, B:C ratio.