Effect of Integrated Phosphorus Management on Soil Properties after French Bean (*Phaseolus vulgaris* l.) in Alfisols of Tirupati

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ABSTRACT

A field experiment was conducted in *rabi* , 2006-07 to study the effect of integrated phosphorous management on soil physico-chemical and chemical properties after the final harvest of French bean in Alfisols (*Typic haplustalf*) of Tirupati. The results revealed that the substitution of 20 per cent recommended level of 50 kg P_2O_5 ha^{-1} with poultry manure and vermi compost to French bean along with phosphobacteria significantly improved the organic carbon content, available P, S and cationic micro- nutrients status of soil over other treatments. The pH, EC, N,K ,Ca and Mg status of soil have not significantly differed but a slight improvement was observed.

Key words : French Bean, Soil Properties.