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Research Paper :

Effect of biofertilizers on nutrient uptake and yield attributes of banana

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ABSTRACT

Field experiment was conducted at Banana Research Station, Jalgaon (M.S.) to find out the effect of biofertilizers on nutrient uptake and yield attributes of banana. Application of 100 % RDF + *Azospirillum* (50 g/plant) + PSB (50 g/plant) + VAM (250 g/plant) + *T. harzianum* (50 g/plant) recorded highest yield. However, application of either *Azospirillum* @ 50 g/plant or PSB @ 50 g/plant at the time of planting with 10 kg FYM /plant and 100 % recommended dose of inorganic fertilizer found beneficial in terms of net profit. Higher N uptake was observed in the treatments where *Azospirillum* bioinoculant was used. P uptake was higher in the treatments where PSB and VAM were used

Key words : Banana, *Azospirillum*, PSB, VAM, *Trichoderma*