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## **R**ESEARCH ARTICLE

# Effect of inorganic fertilizers and bio-fertilizers on growth, yield and quality of radish (*Raphanus sativus* L.)

SHANI KUMAR, SANJAY KUMAR, SUTANU MAJI AND VIJAY KUMAR PANDEY

### **SUMMARY**

The present experiment entitled studies on effect of inorganic fertilizers and bio-fertilizers on growth, yield and quality of radish (*Raphanus sativus* L.) was carried out at Horticulture Research Farm, Department of Applied Plant Science (Horticulture), Babasaheb Bhimrao Ambedkar University, Lucknow (U.P.) during year of 2013-14. The experiment was laid out in Randomized Block Design with three replications. The row to row and plant to plant spacing were maintained at 30 x10 cm, respectively. The treatment combinations were control, recommended dose of fertilizers, *Azotobacter*, *Azospirillum*, PSB, 50 per cent RDF + 50 per cent *Azotobacter*, 50 per cent RDF + 50 per cent *Azotobacter* + 50 per cent *Azotobacter* + 50 per cent *Azotobacter* + 50 per cent *RDF* + 25 per cent *PSB*, 25 per cent *PSB*, 50 per cent *Azotobacter* + 50 per cent RDF+25 per cent *Azotobacter*, 50 per cent PSB + 50 per cent *PSB* + 50 per cent *Azotobacter* + 50 per cent *RDF*+25 per cent *PSB* + 50 per cent *Azotobacter*, 50 per cent *Azotobacter*, 50 per cent *PSB* + 50 per cent *Azotobacter*, 50 per cent *Azotobacter*, 50 per cent *PSB* + 50 per cent *Azotobacter*, 50 per cent *PSB* + 50 per cent *Azotobacter*, 50 per cent *Azotobacter*, 50 per cent *PSB* + 50 per cent *Azotobacter*, 50

Key Words : Inorganic fertilizers, Biofertilizers, Yield, Growth, Quality

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