EFFECT OF PLANT GROWTH-PROMOTING RHIZOBACTERIA (PGPR) AND MICRONUTRIENTS ON PIGEONPEA (CAJANUS CAJAN (L.) MILLSP.) IN RELATION TO NODULATION

MADHU MALIK, SUDHIR KUMAR AND JDS PANWAR
*Department of Botany, J.V. College, Baraut, Baghpat (U.P)
**I.A.R.I., New Delhi

Abstract: A field study was conducted to examine the effect of PGPR and micronutrients viz. Mn, Fe, Mo and B on the two cultivars, namely UPAS 120 and Pusa 992 of pigeonpea. The application of PGPR along with Mn @ 0.6 kg/ha, Fe @ 0.5 kg/ha, Mo @ 0.1 kg/ha and B @ 0.1 kg/ha enhanced the nodulation in both the cultivars of pigeonpea.

Key words: Cajanus cajan, PGPR, Nodulation

REFERENCES


Naik, Popavath; Ravindra, Gurusamy; Raman, Kannan; Badri, Narayanan and Natarajan, Sakthivel (2008). Assessment of genetic and functional diversity of phosphate solubilizing fluorescent pseudomonads isolated from rhizospheric soil. BMC Microbiol. 8:230.


