

Research Paper :

Screening of Rhizospheric Bacteria as Growth Promoter and Biocontrol of Fungal pathogen of Groundnut and Soybean

S. SAJEED ALI AND B.M. KAREAPPA

International Journal of Plant Protection, Vol. 2 No. 2 : 240-242 (October, 2009 to March, 2010)

See end of the article for
authors' affiliations

Correspondence to :

S. SAJEED ALI

Department of
Microbiology, Rajiv
Gandhi College of Food
Technology, K.V.K.
Complex, PARBHANI
(M.S.) INDIA

SUMMARY

Rhizospheric bacteria were isolated from soil of different crop plants and identified and characterized as a *Rhizobium*, *Azotobacter*, *Azospirillum*, and *Pseudomonas* . All isolates were able to inhibit the growth of fungal pathogens of groundnut and soybean by producing siderophore. There was also considerable increase in height, weight and germination period of seedling of groundnut and soybean by seed inoculated with rhizospheric bacteria.

Key words :

Rhizospheric
bacteria,
Biocontrol,
Soybean,
Groundnut

Accepted :
September, 2009
