RESPONSE OF BIOFERTILIZERS ON ENZYMATIC ACTIVITIES OF GROUNDNUT (ARACHIS HYPOGAEA L. VAR TMV-7)

Iren Amutha, A. and M. Reginald*
Department of Botany & Research Centre
Scott Christian College (Autonomous), Nagercoil
Kanyakumari District – 629 003, Tamil Nadu

Abstract: The field experiment was carried out the response of biofertilizers on enzymatic activities of groundnut. The present study revealed that the combined effect of biofertilizers (Azotobacter + Mycorrhiza + Rhizobium) showed significant effect than the control and other mono and dual inoculations. The enzyme activities such as peroxidase, polyphenol oxidase and catalase were gradually decrease from 0-35th day and then increase up to 56th day in all the inoculations.

Keywords: Azotobacter, Biofertilizers, Groundnut, Mycorrhiza, Rhizobium.

REFERENCES


