

SCOPE OF ENHANCING NODULATION OF GROUNDNUT THROUGH SOIL AMENDMENTS BY CROP RESIDUES OF WIDE C:N RATIOS

Thedchanamoorthy. K¹ and Gurung²

¹ Eastern University, Sri Lanka

² Pakhribas Agricultural Centre, Kathmandu, Nepal

ABSTRACT

A pot experiment was conducted to study the effect of different crop residues having wider C:N ratios, on nitrogenase activity, nodulation and biomass of inoculated groundnut. The experiment indicated a positive effect on nitrogenase activity, nodulation and biomass of inoculated groundnut through soil amendments by crop residues of wide C:N ratios.