

Oil Content, Yield Attributes and Drymatter Production of Soybean as Influenced by INM in Soybean-Maize Cropping System

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ABSTRACT

A field experiment was conducted to study the effect of different organic and inorganic sources of nitrogen on yield and yield attributes of soybean in soybean-maize cropping system. Higher soybean yields of 13.3 q ha⁻¹ and 12.50 q ha⁻¹ were obtained with the application of 75% recommended dose of nitrogen and 100% recommended dose of PK through inorganic fertilizers +25% recommended dose of nitrogen through vermicompost+ during *kharif* 2002-03 and 2003-04 respectively. Effective nodules and oil content was not significantly influenced by different treatments.

Key words : Farmyard manure, Cropping system, Poultry manure, Soybean, Vermicompost.

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