



## Effect of integrated nutrient management on growth, yield and quality of summer groundnut (*Arachis hypogaea* L.)

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**Abstract :** A field experiment was conducted during 2009 and 2010 to study the effect of integrated nutrient management on growth, yield and quality of groundnut under irrigated condition. Application of 75 % RDF + 25 % N through FYM + *Rhizium* + PSB significantly increased plant height, spread, number of branches, leaf area, and dry matter accumulation and there by yield and quality of groundnut. Application of 75 % RDF + 25 % N through FYM + *Rhizium* + PSB significantly increased growth, yield and quality parameters compared to rest of integrated nutrient management levels. 100 % N through organic manure (50 % N through FYM + 25 % N through vermicompost + 25 % N through neem cake + *Rhizium* + PSB) treatment significantly increased oil content of groundnut kernels.

**Key Words :** Integrated nutrient management, Organic manure, Groundnut, Growth

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