

# **Response of Sunflower to Fertiliser Levels under Different Planting Geometry and Land Configurations**

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## **ABSTRACT**

An experiment was carried out during *kharif*, 2013 at College farm, P.J.T.S.A.U, Hyderabad, to find out appropriate planting geometry, land configuration and optimum nutrient level for rainfed sunflower. The results revealed that planting geometry and land configurations could not exert significant influence on growth, yield attributes and yield of sunflower. Among the fertilizer levels, 125% RDF recorded significantly higher growth parameters, yield attributes, seed (2221 kg ha<sup>-1</sup>), oil yield (902 kg ha<sup>-1</sup>), stalk yield (3889 kg ha<sup>-1</sup>) and harvest index (36%) over 75 % RDF but 125% RDF was comparable with 100% RDF. Highest gross, net returns and B: C ratio were accrued with flat bed and paired row planting along with the application of 125% RDF over rest of the treatments.

**Key words :** Land Configurations, Planting geometry, Sunflower and Yield.