

# RESEARCH INTERVENTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES

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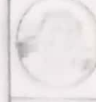
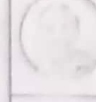

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RESEARCH INTERVENTIONS AND TECHNOLOGICAL  
ADVANCEMENTS IN PLANT SCIENCES (RITAPS 2021)



## Study of Bio-fertilizers on *Trigonella foenum-graecum* (Fenugreek).

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### Abstract

Present investigation was undertaken to study the efficiency of biofertilizers on growth and yield attributes of fenugreek. For this, a field experiment was carried out in pot with five replications. The experiment was conducted at the department of Botany of Dada Patil Mahavidyalaya, Karjat, Ahmednagar during July-August on sandy loam soil at Karjat. For the experiment, four treatment combinations are taken viz. T1-Control, T2 -Rhizobium, T3 -Vermicompost, T4 -Rhizobium and Vermicompost. The results revealed that significantly greater values of growth parameters viz., plant height, number of branches, number and dry weight of root nodules, dry matter production, crop growth rate as well as yield attributes viz., number of pods per plant, length of pods, number of seed per pod, seed yield and straw yield were recorded in the treatment T4 - Rhizobium and Vermicompost which is being at par with treatments T1, T2, and T3.

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Biofertilizers, Rhizobium, Vermicompost, Fenugreek, Root nodules.