

# **Growth and yield of Chickpea in Vertisols of Krishna Zone of Andhra Pradesh**

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## **ABSTRACT**

A field experiment was conducted during *rabi* 2018 on vertisols of Agriculture College, Bapatla to study the effect of different sowing dates on growth, yield and yield attributes of chickpea varieties. The experiment was laid out in Randomized Block Design with factorial concept with three varieties ( $V_1$ -NBeG-47,  $V_2$  - NBeG-49 and  $V_3$  - NBeG-119) and five dates of sowing (2<sup>nd</sup> fortnight of October, 1<sup>st</sup> fortnight of November, 2<sup>nd</sup> fortnight of November, 1<sup>st</sup> fortnight of December and 2<sup>nd</sup> fortnight of December) and replicated thrice. Results revealed that the chickpea crop showing during 2<sup>nd</sup> fortnight of October recorded significantly highest plant height, drymatter, yield attributes, grain yield and haulm yield compared to other dates of sowing. Among the varieties tested, NBeG-119 recorded significantly highest drymatter, yield attributes, grain yield and haulm yield compared to the other two varieties NBeG-47 and NBeG-49.

**Keywords:** *Chickpea, Dates of sowing, Varieties.*