

# **Trends in Area, Production and Productivity of Chickpea in Prakasam District**

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## **ABSTRACT**

This paper attempted to identify the trends of area, production and productivity of chickpea in Prakasam district of Andhra Pradesh through fitting linear and non-linear growth models. Secondary yearly data on area, production and productivity of Chickpea for a period of 39 years *i.e.* from 1976 to 2014 was used. For forecasting up to 2020 AD two years moving average model was identified as the best model for area, production and productivity of Chickpea. It was observed that there is a slight increase in area and production, whereas, productivity showed stability in growth.

**Key words:** *Moving average, Growth models.*