



Research Paper

## Growth in area, production and productivity of chickpea in Amravati district

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**ABSTRACT :** The research on the performance of chickpea in Amravati district was carried with the objectives, to study growth rates and variability in area, production, and productivity of chickpea. The secondary data on area, production and productivity of chickpea in Amravati district, were collected from various issues of epitome of agriculture and district socio-economic review. The data pertained to the period of 20 years *i.e.* from 1990-91 to 2009-10. The performance of chickpea was examined by estimating the growth rates and co-efficient of variation of area, production and productivity of chickpea. The results revealed that, compound growth rates for area, production and productivity for period II were found positive and significant. The co-efficient of variation indicated that, instability in chickpea area exhibited less variation than production and productivity, at overall period. Whereas, production witnessed highest instability as compared to area and productivity, at overall period.

**KEY WORDS :** Chickpea, Growth rate, Co-efficient of variation

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