

Click [www.researchjournal.co.in/online/subdetail.html](http://www.researchjournal.co.in/online/subdetail.html) to purchase.



International Journal of Commerce and Business Management

Volume 9 | Issue 2 | October, 2016 | 163-168

DOI: 10.15740/HAS/IJCBM/9.2/163-168

⇒ Visit us : [www.researchjournal.co.in](http://www.researchjournal.co.in)

## RESEARCH PAPER

# Decomposition analysis of soybean in Amravati division

■ P. S. PARDHI, D. H. ULEMALE AND S. M. SARAP

Received : 25.06.2016; Revised : 19.08.2016; Accepted : 06.09.2016

### ABSTRACT

In this study an attempt has been made to study the growth and instability of soybean crop in Amravati division. The study was based on secondary data on area, production and productivity of soybean crop collected from various government publications. The study revealed that compound growth rate for area and production of soybean was recorded very high during period I. The co-efficient of variation with regards to area and production (37.59% and 22.23 %) were lowest in Amravati district. However, Coppock's instability index with regards to area and productivity (13.01% and 18.84 %) were lowest in Amravati division as a whole. At overall period, the area effect was most stronger factor for increasing production of soybean in all the districts and division as a whole.

**KEY WORDS :** Compound growth rates, Co-efficient of variation, Instability, Production, Productivity

**How to cite this paper :** Pardhi, P.S., Ulemale, D.H. and Sarap, S.M. (2016). Decomposition analysis of soybean in Amravati division. *Internat. J. Com. & Bus. Manage*, 9(2) : 163-168. DOI: 10.15740/HAS/IJCBM/9.2/163-168.

### MEMBERS OF THE RESEARCH FORUM

#### Correspondence to:

D. H. ULEMALE, Department of Agriculture Economics and Statistics,  
Shri Shivaji Agriculture College, AMRAVATI (M.S.) INDIA

#### Authors' affiliations:

P.S. PARDHI AND S.M. SARAP, Department of Agriculture Economics  
and Statistics, Shri Shivaji Agriculture College, AMRAVATI (M.S.) INDIA