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## **Agricultural development in the context of change in crop specialization and land utilization pattern in Maharashtra state**

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Agriculture development has been analyzed by studying the cropping pattern, land utilization pattern, fertilizer consumption and crop specialization in any agro-ecosystem in regional and temporal framework. Tribal regions are experiencing agricultural intensification changing cropping pattern and crop specialization as a result of ecological economic changes as well as impact of public policy of technology transfer and resource use intensification. In this paper, an attempt is made to study changes in land utilization pattern, to estimate growth rates of area, production and productivity of major crops grown in Maharashtra state, and to estimate the growth rate of fertilizer consumption. This study revealed that Area under forest, other fallow land was non- significant and area under cultivable waste land, net sown area, total cropped area was negatively significant. The positive growth rates were noticed in area, production and productivity of major crops. This indicates that the agricultural development is taking place in desired direction. In the overall period the Nitrogenous fertilizer is non- significant but phosphatic and potassic fertilizers was significant in Maharashtra state. Such an analysis will help in launching different programmes for developing agriculture in the state. Result of study will help policy makers, administrators and research worker for development of agriculture in different fields to plan their strategies for overall development of state.

### **Biography**

Supriya Jadhav is PhD scholar in Department of Agricultural Economics at VNMKV, Parbhani. She has completed her post graduation ( MSc Agri.) in the Department of agricultural economics from VNMKV, Parbhani also Diploma in foreign trade from Mumbai university. She has got near about four years Academic experience from college of Agriculture Business Management, Mumbai. She has got state level special merit award and international award for best poster presentations.

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