

Growth trends in area, production, productivity and export of pomegranate in Karnataka : An economic analysis

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ABSTRACT

An attempt has been made in this paper to estimate the growth trends in area, production, productivity and export of pomegranate in Karnataka. For the present study, secondary data on area, production and productivity of pomegranate for major pomegranate growing districts of Karnataka namely Koppal and Bagalkot districts and state as a whole for the period 1987-88 to 2009-10 were collected from Department of Horticulture, Lalbhag, Bangalore and information was also obtained from the APEDA and FAO websites for the period from 1987-88 to 2009-10 both for quantity and value of exports. The data were analyzed through growth rate and co-efficient of variation techniques to study the growth in area, production, productivity and export of pomegranate in Karnataka. The production of pomegranate showed a significant growth of 2.60 per cent per annum at one per cent level of significance followed by growth in area with 2.29 per cent at 5 per cent level of significance for Karnataka. The significant increase in growth in area (24.00 %) and production (25.35 %) for Koppal district was due to implementation of NHM and NHB schemes by the Govt. of India. The highest growth was observed during pre-WTO period (42.33%) followed by overall period (20.61 %) and post-WTO period (20.52 %). As far as the value of export was concerned, highest growth was observed during the pre-WTO period with 50.84 per cent followed by post-WTO period (28.09 %) and overall period (27.86 %). The increase in production of pomegranate was due to the increase in area, rather than productivity, which calls for intensive efforts to increase productivity of pomegranate in the study area as well as in the state as a whole.

KEY WORDS : Area, Production, Productivity, Pomegranate, Compound growth rate, Instability, Export

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