

Trend and growth in area, production and productivity of rapeseed and mustard in Madhya Pradesh

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ABSTRACT : The present study was undertaken to find out the trends and growth rate in area, production and productivity of Rapeseed-mustard. The study was based on secondary time series data collected from 1991-92 to 2007-08. The result of the study has shown the increasing trend with respect to area, production and productivity. The area has been increased by 175.33 thousand hectare (31.05 per cent), production by 220.33 thousand tones (44.21 per cent) and productivity by 76.33 kg/hectare (8.55 per cent) within the period of 1991-92 to 2007-08. The Simple Growth Rate in area, production and productivity was found as 1.02, 2.03 and 0.76 per cent, respectively whereas Compound Growth Rate was 0.84, 1.59 and 0.75 per cent, respectively. Agro-climatic region wise Simple Growth Rate analysis indicated that highest growth rate in area was found in Satpura Plateau (16.63 per cent) while highest growth rate in production and productivity was found in Nimar Plain (25 per cent). Highest decline in area and production was observed in Jhabua Hills whereas highest decline in productivity was observed in Chhattisgarh Plains.

Key Words : Trend, area, production, productivity, absolute change, relative change, simple growth, Rapeseed and Mustard, M.P..