

VARIABILITY AND DECOMPOSITION ANALYSIS OF CEREALS PRODUCTION ACROSS DIFFERENT AGRO-CLIMATIC ZONES OF UTTAR PRADESH

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Abstract: Present study is based on the secondary information collected on area, production and productivity of cereal crops grown among different agro climatic zones of Uttar Pradesh. The variability and decomposition analysis were analysed to measure the variation and decomposition analysis in area, production and productivity of cereals during three phases i.e 1981-82 to 2011-12. The decomposition analysis indicates increase in production of cereals was due to positive area and yield effect. The contribution of yield effect was greater than area effect in increasing the production of cereals in the state. Variability in area, production and productivity was also observed lowest i.e 1.34 per cent, 3.35 per cent and 3.43 per cent respectively during 2001-02 to 2011-12 and highest i.e 1.91 per cent, 6.17 per cent and 5.21 per cent respectively.

Keywords: Area, Cereals, Decomposition Analysis, Production, Productivity, Variability

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