

Current trends in oilseed crops production — An overview

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ABSTRACT : In, this study current trend in oilseed production has been emphasised. The study was based on secondary data from 1950-51 to 2012-13. The data is based on several governmental documents and web sites. The linear, quadratic and exponential functions were fitted in order to analyse the trend in area, production and productivity of oilseed crops in India. Quadratic functional form was employed to fit the trend due to its higher R^2 value as compared to other two forms. Besides these, compound growth rate, coefficient of variation (CV) and instability index are also computed. Similarly, the effects of area, productivity and their interactions towards increasing production were also estimated in the present study. The results of the study revealed that the 'c' value in the quadratic functional forms for area, production and productivity were positive and significant for the total oilseed crops in the country more particularly during Phase I, Phase II, Phase III, Phase IV, Phase V, Phase VI and Phase VII. The growing of oilseed crops was moderate risky as revealed by the lower CV. The CV of area, production and productivity of oilseed crops were less than 43.68 per cent. The instability indices for area, production and productivity for oilseed crops were positive and thereby indicating less risk for growing oilseed crops in coming days. The increase in production is due to increase in area as well as interaction of area and productivity of oilseed crops in the study periods.

Key Word : Trend, area, production, productivity, oilseed, crops.