

## GROWTH RATE OF AREA, PRODUCTION AND YIELD OF GROUNDNUT IN RAIGARH DISTRICT OF CHHATTISGARH STATE

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**Abstract:** Groundnut is an important oilseed crop provides significant sources of cash through the sales of seed, cakes, oil and haulms. Groundnut plays an important role in the diets of rural populations. An attempt has been made in the study to estimate growth in area, production and yield of groundnut in Raigarh district and Chhattisgarh state (1993 to 2013). The growth rate was worked out by using exponential analysis. The area of groundnut in Raigarh district increased by 15.62 hectares from 15.20 hectares in 1993-94 to 30.82 hectares in 2012-13 similarly in case of the state area of groundnut cultivation is decrease by 10.9 hectares from 1993-94 to 2012-13. Actually the good growth by area of this crop may be observed only after 2002 in the district. In the Raigarh district production of groundnut is increased from 20.40 metric tons to 38.28 metric tons during this period of 20 years. Similarly in the state production of groundnut is decreased by 7.2 metric tons during the period of 20 years. The yield of groundnut in Raigarh district and Chhattisgarh state was estimated as 1019 kg and 910 kg during 1993-1994 periods. The yield of this crop is increased about 400 and 550 kg/ha up to year 2012-2013. The compound growth rate of area over the period of 20 years is estimated as 4.837 per cent in the Raigarh district which is significantly increased.

**Keywords:** Area, Groundnut, Production, Oilseed, Growth rate

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