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Abstract: Agricultural growth has decelerated during the last decade. This has led to a decline in real per capital income in rural India in comparison to the rapid growth in urban incomes. In our country, agriculture continues to be engine of economic growth. Over a last century, productivity has been major focus of agricultural research which paid off with major productivity gains in foodgrains, oilseeds, fruits, vegetables and other allied sectors. In spite of reduction in area under cereals in state, the total cereals production has been increased from 1467 thousand metric tonnes in 1968-69 to 2301.83 thousand metric tonnes in 2004-05. This increase is due to increase in productivity of crops. Among pulses, there was growth in area and production of 101 percent and 62 percent, respectively during 1970-71 to 2004-05 in the state and this growth was mainly due growth in area and production of pea which was about 8 percent. Most of the pulses showed positive trend in the yield during period 1970-71 to 2004-05 but maximum growth was seen in the case of pigeonpea (2.7 %). This crop has maximum average area, production and yield than that of other pulses crops showing 35 thousand hectare, 23.82 thousand tonnes and 1890.75 kg/ha, respectively. But maximum variation in area, production and productivity was observed in pea indicating 93 percent in area, 138 percent in production and 62 percent in productivity. In oilseeds, the annual growth rate in productivity of oilseed was found to be high in case of sunflower (6.25 %) followed by sesamum (3 %), rape seed and mustard (1.36 %) and groundnut (1.25 %) during the period 1990-91 to 2004-05. But the maximum growth in production was exhibited by groundnut revealing 10.49 percent followed by rape seed and mustard (9.84 %) and sunflower (8.36 %). The increase in production of groundnut is due to increase in its area, which was about 18.34 thousand hectare in 2004-05 increased from 5.03 thousand hectare area in 1999-2000. Among all oilseed crops the average area and production was maximum for rape seed and mustard but the average yield per hectare was reported to be high for groundnut (976 kg/ha) followed by rape seed and mustard (585 kg/ha). In all oilseeds, sunflower is the crop which shows maximum variability in area, production as well as productivity during the period 1990-91 to 2004-05.

Description: TO STUDY GROWTH RATE IN AREA PRODUCTION AND PRODUCTIVITY OF DIFFERENT PULSES AND OILSEEDS CROP IN JHARKHAND

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