



Research Paper

Impact of technology mission on oilseeds and pulses on pulse production in Karnataka

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Paper History :

Received : 09.02.2013;

Revised : 14.07.2013;

Accepted : 13.08.2013

ABSTRACT : The Technology Mission on Oilseeds (TMO) was launched during 1986 by the Central Government to increase the production of oilseeds. Subsequently, pulses were also brought within the purview of the Mission during 1990-91. Pulses are the second most important food crops after cereals. Karnataka is the major producer of pulses and ranks in top five pulses producing states in India. This study covers the changes in area, production and yield of pulses during pre and post Technology Mission on Oilseeds and Pulses (TMOP) and decomposition effect of TMOP on production of pulses. District wise as well as state level secondary data were used. The study period was divided into period-I (Pre TMOP) from 1981-82 to 1989-90, period –II (Post TMOP) from 1990-91 to 2009-10 and period-III from 1981-82 to 2009-10 (overall). The analytical tools employed were Compound growth rate and Hazell's Decomposition analysis. The results showed that the increase in production from Pre TMOP (0.33 %) to Post TMOP (3.27 %) is because of the yield increase which is mainly due to intervention of TMOP. The rate of increase in mean area was found to be the dominant source of pulse output growth in the state. The change in the variance of production for the state was contributed by the interaction between changes in mean yield and mean area was found to be negligible.

KEY WORDS : Technology Mission on Oilseeds and Pulses (TMOP), Compound growth rate, Hazell's Decomposition analysis

HOW TO CITE THIS PAPER : Nethrayini, K.R. and Mundinamani, S.M. (2013). Impact of technology mission on oilseeds and pulses on pulse production in Karnataka. *Internat. Res. J. agric. Eco. & Stat.*, 4 (2) : 148-153.