

Prospects of Increasing Income Through Optimum Production Pattern: A Linear Programming Approach

S Rajeswari, T V Neelakanta Sastry and P Raghu Ram

Department of Agricultural Economics, S.V. Agricultural College, Tirupati, Andhra Pradesh.

ABSTRACT

The present study "Optimum production pattern for farmers in Obulavaripalli mandal of Kadapa district, Andhra Pradesh" was undertaken to examine the possibilities and prospects of increasing income through rational allocation of resources under different capital and technological environments. The study was carried out through collection of data by adopting interview method and linear programming technique was used to develop optimum plans for small and large farmers of the study area. The results of the study brought out that there was sub-optimal allocation of resources in the existing plans of small and large farms. The optimal plans indicated the possibilities of increasing income even under existing technology with limited available owned funds. The income was increased further through relaxation of credit and adoption of recommended technology.

Key words : Linear Programming Model, Optimum Plans, Rational Resource Allocation.