

Factors Influencing Cropping Pattern Changes in Coastal Andhra Region - An Economic Analysis

S B Ramya Lakshmi and I Bhavani Devi

Dept. of Agricultural Economics, S V Agricultural College, Tirupati 517 502, Andhra Pradesh

ABSTRACT

The present study is an attempt to identify the important factors influencing the cropping pattern changes in the selected districts of coastal region of Andhra Pradesh by applying multiple regression analysis for a set of explanatory variables. The results revealed that in Vizianagaram district area under paddy, greengram, groundnut, mesta, sugarcane and sesamum were significantly influenced by their own lagged prices. Rainfall significantly influenced the area under blackgram and groundnut only. Gross irrigated area exerted non-significant influence on paddy and sugarcane acreage. In Prakasam district area under paddy, redgram, bengalgram, chilly and tobacco were positively influenced by their own lagged prices. Increase in gross irrigated area had a significant positive influence on the area under paddy.

Key words : : Cropping patter