

RESEARCH ARTICLE :

Multi objective frame work for maximizing production, profit and land allocation goals at farm level in Villupuram District

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KEY WORDS:

Maximizing production, Profit and land allocation

BACKGROUND AND OBJECTIVES

The study would bring out the sources of inefficiency in the production of crops along with constraining resources which would help the farmers in the reallocation of resources. The optimum plans developed under multi objective environment across scale of farming would bring the constraining resources and possibilities for bridging such resource gaps at different resource endowment levels prevailing in marginal, small and large farms.

The results would be of much help to the policy makers and planners to formulate appropriate policy packages and management strategies to correct the inefficiencies in allocation of resources and also in planning additional investment for agricultural development in block. It would also generate adequate information base for the use of academicians, extension workers and

scientists.

With this view, the present study has been undertaken in Mailam block of Villupuram district to explore the efficiency of agricultural production and to develop optimum plans in a multi-objective frame work for maximizing production, profit and other farming goals at farm and block levels by using weighted goal programming model.

Objectives :

- To develop optimum agricultural farm plans for different farming situations in a multi-objective frame-work for improving production and profit and other farming goals with the available resources in the study area.
- To suggest appropriate policies and strategies needed for improving the agriculture consistent with multiple goals in the study region.

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