

Resource Productivity and Allocative Efficiency of Bengalgram in Prakasam District of Andhra Pradesh

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ABSTRACT

Three stage stratified random sampling procedure was adopted for selection of primary sampling units. The primary data was collected from 120 farmers from 3 mandals, and 6 villages of the district during 2007-08. The Cobb-Douglas production function model was chosen to estimate the resource productivity and returns to scale. Diminishing return to scale prevailed in the study area, MVP to OC ratio was less than unity for machine labour, manures and fertilizers, and plant protection chemicals indicating excessive use indicating a tremendous scope for reorganization of resources for obtaining maximum profits.

Key words : Allocative efficiency, Bengalgram, Productivity.