

Economics of Mechanization in Bengalgram in Prakasam district of Andhra Pradesh

K Lavanya, Y Radha, D Vishnu Sankar Rao and V Srinivasa Rao

Department of Agricultural Economics, Agricultural College, Bapatla 522 101, Andhra Pradesh.

ABSTRACT

A study was conducted to know the impact of mechanization on bengalgram in Prakasam district of Andhra Pradesh during the year 2012-13 by the collection of data from bengalgram farmers on mechanization of bengalgram with pre-structured schedules. A three stage sampling procedure was used for the selection of sample farmers. The collected data was subjected to tabular analysis to estimate cost concepts and various farm income measures. The results revealed that cost of cultivation was more on large farms. Machine labour was the major component of operational costs in bengalgram cultivation which decreased with increasing farm size. All the farm income measures of bengalgram were more on large farms. Yield, gross returns and net returns were more on large farms with mechanization of bengalgram. Cost of production per quintal of bengalgram decreased with increasing the farm size.

Key words : Bengalgram, Cost, Income, Labour, Mechanization, Price, Yield.