Economics of wheat production

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ABSTRACT : In this study, an attempt has been made to study analysis of yield gap in wheat in Amravati district with view to study the economics of wheat production and resource use efficiency. The study was based on primary data on input used and there upon costs was collected from two tehsils *viz.*, Amravati and Morshi and from each tahsil 45 samples were selected. Per hectare input utilization for wheat indicated that the medium farmers were used higher inputs as compared to other farm size group of farmers. Per hectare total cost of cultivation of wheat for the sample as whole was Rs. 37235.99 per hectare, gross return from wheat at overall level was Rs. 63861.60. The input-output relationship at overall size group was 1.76 at Cost 'C For the study resource use efficiency of wheat, Cobb-Douglas production function was used. In the overall group resources seed, plant protection and area were significant. Marginal value of product to factor cost ratio at overall group, in case of Human labour, bullock labour and seed was positive and more than one and in case of machine labour, fertilizer, manure, plant protection and area it was negative and less than one.

KEY WORDS : Cost of cultivation, Gross return, Resource use efficiency, Wheat

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