

GROWTH AND INSTALLATION COST ANALYSIS OF SPRINKLER SYSTEM IN JHUNJHUNU DISTRICT OF RAJASTHAN

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ABSTRACT

The data were analyzed by using compound growth rate model, simple tabular analysis, average percentage and ratio were calculated. The analysis of data revealed that the compound growth rate of number of sprinkler sets in Jhunjhunu district and Rajasthan was positive and highly significant. The growth rate of sprinkler system in Jhunjhunu district and in Rajasthan was 99.1 per cent and 98.6 per cent, respectively. The installation cost of sprinkler irrigation system was higher on the farmer's fields than the cost worked out by the state level unit cost committee. This difference is 18689, ` 18738, ` 15642 and 18612 on one, two, three and four hectare models of sprinkler system. The subsidy rate of the system was 40-50 per cent.

KEYWORDS: Growth, Cost and Sprinkler