RELATIVE ECONOMICS OF MAJOR CROPS UNDER TANK REHABILITATION INTERVENTIONS OF JALA SAMVARDHANE YOJANA SANGHA (JSYS) IN CHITRADURGA DISTRICT OF KARNATAKA STATE

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ABSTRACT

The study was conducted in Chitradurga district of Karnataka State to access the importance of Jala Samvardhane Yojana Sangha (JSYS) interventions in rehabilitation of community based tanks during 2011. The study was based on the primary data from 120 sample respondents for the period 2010-2011. The secondary data was collected from JSYS, Bangalore. The cost of cultivation per acre was highest in paddy crop with Rs. 20978, Rs. 21791 and Rs. 22005 in collective action plus action research (CAPAR), collective action only (CAO) and control respectively. Return per rupee investment was highest in case of maize with 1.37, 1.22, 1.13 in CAPAR, CAO and control respectively. Net return over variable cost of ragi per acre was Rs. 4639, Rs. 3301 and Rs. 2507 in CAPAR, CAO and control respectively. Per farm gross returns have enhanced by Rs. 22165 in CAPAR and Rs. 10361 in CAO than control. The contribution of collective action and action research together was Rs. 4415 per acre where as the contribution of research was Rs. 2351 per acre. Every hectare centimeter of water applied through CAPAR realized a higher gross return of Rs. 97.72.

KEYWORDS: Jala Samvardhane Yojana Sangha, Cost of Cultivation, Return per Rupee Investment, Net Return over Variable Cost, Per Farm Gross Returns