



Development of Integrated Farming System Model for Marginal Farmers of Cauvery Delta Zone

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Abstract: Field experiments were conducted on development of IFS for marginal farmers in 0.8 ha area at Soil and Water management Research Institute, Thanjavur for a period of 4 years from 2012 to 2016 under irrigated condition in sandy loam soil to explore the productivity and profitability of Integrated Farming System. The IFS model with six components viz., crop + horticulture + dairy + fisheries + poultry + vermicompost in 0.8 ha area recorded higher gross return (Rs. 3,01,659) and net return (Rs. 1,37,349) with a B:C ratio of 1.83 against Rs. 1,22,650 and Rs. 42480 with the B:C ratio of 1.53 in conventional method of cropping alone of rice (*kharif*)- rice (*rabi*). Thus the developed IFS model could improve the productivity and profitability of marginal farmers.

Keywords: Integrated farming system, Components, Productivity, Gross and net income
