



Research Paper

Integrated farming system for livelihood security of small farmers of North- East Karnataka

■ **S. N. VINODAKUMAR, B. K. DESAI, A.S. CHANNABASAVANNA, SATYANARAYANA RAO, M. G. PATIL AND S.S. PATIL**

See end of the paper for authors' affiliations

Correspondence to :

S. N. VINODAKUMAR
Department of Agronomy,
University of Agricultural
Sciences, RAICHUR
(KARNATAKA) INDIA

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ABSTRACT : Investigations were carried out in Main Agricultural Research Station (MARS), Raichur district of Karnataka during 2012-14 to find out a sustainable mixed farming model which is economically viable by integrating the different components like crops, livestock, poultry, rabbits and fish on a 2.5 acre land holding. Seven integrated farming system models were developed to find out the best package on the land holding of 2.5 acre suitable for the North- East Karnataka region. Among various IFS models, F_7 model registered highest net returns (Rs. 1,89,069 ha/year) and least observed in conventional cotton alone (F_1) system (Rs. 74,592 ha/year). The similar trend was observed in return per day, diversity index and employment generation (Rs. 518/day, 2.92 and 206 mandays/ha/year).

KEY WORDS : Cost, Diversity index, Employment, Integrated farming systems (IFS) modules, Returns

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