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Identification and Prioritization of Problems in Integrated Agriculture for Community Development: A Case of Amba Village in Sub-humid Region of Western India

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Authors' contributions

This study was carried out in collaboration with all the authors. Authors MM, PS, AJ and IM formulated the objectives, plan the activity, collected the data, performed compilation and analysis of data, wrote the protocol and wrote the first draft of the manuscript. Authors MM, PS performed field survey and managed literature searches. All authors read and approved the final manuscript.

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ABSTRACT

Participatory rural appraisal (PRA) is a technique which gives more emphasis on local knowledge and enable locals to do their own appraisal, analysis and planning on the participatory basis. In this study, a transect survey was conducted at Amba village of Ajmer, India to understand the factual needs of the farming community. The rank-based quotient (RBQ) was calculated followed by the value based Index (VBI) in order to prioritize integrated agriculture problems and their solution was given using problem-solution-tree approach. Findings indicated low productivity of animals, unavailability of irrigation water, bacterial blight in marigold, leaf blight in chrysanthemum and low

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