

PROJECT INFORMATION

Assessing the Impact of ICAR-CCARI Technologies

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Title of the Project

Assessing the Impact of ICAR-CCARI Technologies

Funding Agency

Institute

Total Outlay

60,00,000

Duration

3 years

Single / Multi-Institutional

Single

Principal Investigator

Dr. Shripad Bhat

Co-Investigators

Dr. N Bommayasamy; Mr. Rahul Kumar and Dr.Sanjaykumar Udharwar

Rationale

Impact analysis helps to understand the economic, social and environmental effects of a technology or an intervention. The intervention could be a new improved variety, improved technology etc. The ICAR-Central Coastal Agricultural Research Institute has been developing and disseminating agricultural technologies suited to the coastal regions of India to improve productivity and profitability of farmers. This project was conceptualised to quantify the impact of ICAR-CCARI technologies. This will help to assess the outcome through economic, social and environmental effects and also to gain insights on the feedback from farmers/end-users.

Research Gaps

A comprehensive study on assessing the economic, social and environmental impacts of ICAR-CCARI technologies is essential to evaluate their overall effectiveness. It is important to assess the impact of these technologies and analyze the feedback of farmers/end-users on a continuous basis. This project seeks to bridge this gap by evaluating the tangible benefits derived from ICAR-CCARI technologies and analyzing farmers' feedback, thereby providing insights for refinements/improvements and policy interventions.

Objectives

- (i) To evaluate the economic, social, and environmental impact of Institute technologies on farmers in the coastal region
- (ii) To collect and analyze feedback from farmers on Institute technologies to understand the challenges in adoption and gather suggestion for further refinement

Activities

Designing schedules for data collection for various technologies Sampling, collection of data from farmers on yield, cost, income, environmental and social benefits etc. for various technologies Data analysis, interpretation and preparation of report Designing schedules for data collection Sampling, collection of data from farmers on challenges faced in adoption and suggestions for improvement Data analysis, interpretation and preparation of report

Treatment Details

-

Fertilizer Doses
-
Variety
-
Replications
-
Observations to be Recorded
-
GPS Coordinates of Field (Lat , Long)
-
Expected Output
• Information on impact of ICAR-CCARI's technologies on income and livelihood security of farmers • Information on environmental and social impact of ICAR-CCARI's technologies • Information on constraints in adoption and suggestions for refinement of technologies
Expected Outcome
• A comprehensive report on the impact of ICAR-CCARI technologies • A report on farmers' feedback, challenges faced in adoption, and suggestions for improvement. Information on impact of ICAR-CCARI's technologies on income and livelihood security of farmers and on environmental and social impact of ICAR-CCARI's technologies would be helpful for researchers while formulating and fine-tuning the research projects, for policymakers while framing policies, and for extension personnel for effective transfer of technologies.
When the field was developed
-
What are crops being cultivated season-wise
-
Soil type
-
Soil pH, EC, OC
-
Soil depth
-
Soil NPK and Micronutrient status
-
Common pests and diseases
-