

PROJECT INFORMATION

AICRP on Seed (Crops)

PROJECT OVERVIEW

Funding Agency	ICAR
Total Outlay	13 lakh per year
Duration	2021-26
Single / Multi-Institutional	Multi-Institutional
Lead Centre if Multi-Institutional	ICAR- Indian Institute of Seed Research, Mao
Principal Investigator	Dr Manohara KK
Co-Investigators	Dr Raghunandan K

RATIONALE

To produce quality seeds of important field crops of Goa especially paddy, pulses like cowpea, millets like Ragi.

RESEARCH GAPS

Availability of quality seed in Goa and adjoining regions is very limited due to lack of awareness among the farmers. Under this project, farmers are informed about the new varieties, importance of Variety Replacement Rate, Seed Replacement Rate, and training on management of important pests and diseases.

OBJECTIVES

- To take up quality seed production in paddy, cowpea, ragi etc.
- To take up training and demonstration of improved technologies in the farmers field.
- To increase VRR and SRR in the coastal region.

ACTIVITIES

- Nucleus seed production.
- Breeder seed production.

- TL seed production through participatory seed production.

EXPERIMENTAL DETAILS

Treatment:	NA
Fertilizer Doses	100-50-50
Variety	Goa Dhan 1, Goa Dhan 2, Goa Dhan 3, Goa Dhan 4 (moong), Goa cowpea 3 (Cowpea), TM 96-2 (Moong).
Replications:	NA
Observations:	Germination test, Plot yield, Plant height, Number of tillers per hill, Grain yield.
GPS Coordinates:	15°29'52.92"N 73°54'59.49"E

EXPECTED OUTPUT

Quality seeds production, Training of farmers, Creation of awareness among farmers.

EXPECTED OUTCOME

Increase in VRR and SRR, increased yield, increase in income of the farmers.

FIELD INFORMATION

When the field was developed:	NA
What are crops being cultivated season-wise:	Kharif - Paddy; Rabi- Cowpea, Vegetable, etc.
Soil type:	Clay loam
Soil pH, EC, OC:	pH - 7; EC- utpo 0.5 dS/M
Soil depth:	1 M
Soil NPK and Micronutrient status:	NA
Common pests and diseases:	Paddy (Pests: Leaf folder, Stem borer, Gundhy bug, BPH); Diseases: BLB, Blast, Sheath Blight, False smut.