

PROJECT INFORMATION

AICRP on Plantation Crops

PROJECT OVERVIEW

Funding Agency	ICAR
Total Outlay	NA
Duration	5 years (2026-2030)
Single / Multi-Institutional	Single
Principal Investigator	Dr. Akula Chinapolaiah, Senior Scientist (SPMAP)
Co-Investigators	NA

RATIONALE

Evaluation of high-yielding and climate-resilient varieties and hybrids.

RESEARCH GAPS

Non-availability of Climate-resilient varieties and hybrids.

OBJECTIVES

- Establishment of nucleus seed gardens of arecanut varieties.
- Multi-location trial on new hybrid combinations of arecanut.
- Multi-location testing of released arecanut varieties.
- Observations on flowering behaviour in location specific/ recommended varieties.

ACTIVITIES

- Establishment and maintenance of nucleus seed gardens of arecanut varieties.
- Assess the performance of hybrids of arecanut under Goa condition.
- Assess the performance of released varieties under Goa condition.
- Recording of morphological, growth and yield characters.
- Recording the flowering pattern of arecanut.

EXPERIMENTAL DETAILS

Treatment:	Hybrids 8
Fertilizer Doses	100: 40: 140 g NPK/ palm/ year
Variety	Eight hybrid combinations
Replications:	3
Observations:	Morphological, growth and yield characters
GPS Coordinates:	NA

EXPECTED OUTPUT

- Production of quality planting materials.
- Identification of high yielding Varieties or hybrids.

EXPECTED OUTCOME

To enhance production, profitability of arecanut farming by adopting climate resilient varieties.

FIELD INFORMATION

When the field was developed:	2022
What are crops being cultivated season-wise:	NA
Soil type:	Lateritic
Soil pH, EC, OC:	NA
Soil depth:	NA
Soil NPK and Micronutrient status:	NA
Common pests and diseases:	Bud rot