

PROJECT INFORMATION

MIDH project on Spices

PROJECT OVERVIEW

Funding Agency	DASD, Kozhikode
Total Outlay	14.17
Duration	Annual
Single / Multi-Institutional	Single
Principal Investigator	Dr. Akula Chinapolaiah, Senior Scientist (SPMAP)
Co-Investigators	NA

RATIONALE

The production of quality planting materials is crucial for increasing crop productivity, ensuring varietal purity, reducing disease risks, improving farm profitability and meeting the growing demand for superior planting material among farmers and stakeholders.

RESEARCH GAPS

There is a need to standardize cost-effective, rapid and location-specific technologies for large-scale production of genetically true-to-type, healthy, pest- and disease-free and climate-resilient quality planting materials, along with reliable quality assessment, hardening, storage and transportation protocols to ensure better field establishment and productivity.

OBJECTIVES

- Production of quality planting materials of spices.
- Technology dissemination through FLDs organic farming.
- Transfer of technology programmes.

ACTIVITIES

- Mother block maintenance.
- Seed and planting material production.
- Front Line Demonstration.
- Supply of quality planting material to the farmers.

- Nursery management.
- Revenue generation.

EXPERIMENTAL DETAILS

Treatment:	NA
Fertilizer Doses	NA
Variety	Spices varieties
Replications:	NA
Observations:	NA
GPS Coordinates:	NA

EXPECTED OUTPUT

Production and supply of adequate quantities of healthy, disease-free, true-to-type and quality-assured planting materials of improved horticultural varieties; standardization of propagation and nursery production protocols; establishment of quality mother-plant blocks; strengthening of nursery infrastructure; and capacity building of farmers and nursery entrepreneurs for sustainable QPM production.

EXPECTED OUTCOME

Production and supply of genetically pure, healthy and quality planting materials of improved spices crops, resulting in better crop establishment, enhanced productivity, reduced disease incidence and improved livelihood opportunities for farmers and nursery entrepreneurs.

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:	Sucking pest