

PROJECT INFORMATION

MSP on Horticultural crops

PROJECT OVERVIEW

Funding Agency	ICAR(RF)
Total Outlay	NA
Duration	5 years
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 Horticultural crops.

ACTIVITIES

- Mother block maintenance.
- Seed production.
- Nursery management.
- Revenue generation.

EXPERIMENTAL DETAILS

Treatment:	NA
Fertilizer Doses	NA
Variety	Horticultural crops
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 horticultural 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:	NA
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