

Division of Crop Research

Vision

“Eastern region to be granary of India with prosperous farmers, intact biodiversity and pollution free environment”

MISSION

Devising sustainable and high yielding crops / varieties and farming systems to ensure food, nutritional and economic security in the region

MANDATE

- Developing situation based crop varieties and their package of practices for remunerative cropping systems followed in the region for varying ecosystems and value addition therein
- Soil health maintenance and fertility management by **evolving** real time nutrient management techniques and approaches like INM and organic farming
- Assessment and refinement of cropping system/integrated farming system model for eastern region.
- Establishing linkages with SAUs & ICAR institutes conducting /coordinating research on important crops grown in the eastern region and up-scaling and refinement of developed technologies through participatory approach.

Major Activities:

- Exchange of promising crop materials with national /international institutions
- Evaluation/development of varieties of major crops suitable for different farming systems of the region
- Devising cost effective and resource efficient management practices for major crops and cropping systems
- Development of bio-intensive crop protection measures.
- Research for crop adaptation and carbon sequestration under projected climate change
- Application of precision farming tools and techniques for efficient crop management including Site specific crop and nutrient management strategies for problematic situations
- Participatory technology refinement and facilitating its impact