Special Project on Cotton

Targeting technologies to Agro-ecological zones - large scale demonstrations of best practices to enhance cotton productivity (NSFM Special Project PPP Model)

The pilot project comprises of three sub-projects. The following scalable technologies have been identified for technology targeting in identified agro-ecological zones:

- High density planting system in low productivity areas with shallow soils with canopy, nutrient, soil health management (Current yield: ~350 kg lint/ha; Target: 750 kg lint/ha)
- Closer Spacing planting system in medium productivity areas with medium deep soils under rainfed cotton ecosystem with canopy, nutrient and soil health management (Current productivity 600 kg lint/ha; Target: 1000 kg lint/ha)
- Production technology for ELS cotton in niche areas under rained/irrigated farming situation (current productivity of ELS variety: ~350 kg lint/ha; Target: >500 kg lint/ha; ELS hybrid: Target – 750 kg lint/ha) (for MP & TN)
- Seed Company involved in the Project: Rashi, Rallis, Mahyco, Nuziveedu, Kaveri, Ankur.

KVKs involved in the project: (Maharashtra: 15 + Gujarat: 3)

- Akola, Amravati-II, Aurangabad-I, Beed-I, Buldhana-I, Chandrapur, Dhule, Jalgaon-II, Jalna-II, Nanded-II, Nandurbar, Parbhani, Wardha, Washim, Yavatmal-I, Amreli, Rajkot-I, Surendranagar

Role of the KVKs

- Verify all the technical details regarding the project in the web portal & in the application.
- Authentic Agronomical/technical information needs to be provided by the KVK with the farmers.
- Farmers are selected by the Seed Company, KVKs need to visit the Cotton plot and confirm the crop details such as variety, Seed rate, spacing, PGR spray & IPM etc.
- Technical assistance to the farmers up-to 2 ha area.
- Capture total land area & project area of the farmer.
- Need to share successful farmer case study with ICAR-CICR, Nagpur.

Dr. S.K. Roy (Director, ICAR-ATARI, Pune) visiting the HDPS & closer planting cotton crop

Shri Dada Lad demonstrating the HDPS (Dada Lad Technology) in cotton crop