

OBJECTIVES

- Development of high yielding variety and hybrids which are early, dwarf and having better grain quality for south Gujarat, Middle Gujarat, North Gujarat, Saurashtra and Kutch, having adaptability to the specific agro-climatic zone.
- Development and evaluation of elite breeding materials for improvement in yield and quality.
- Development and evaluation of varieties/hybrids resistant to major pests and diseases.
- Development of varieties/ hybrids resistance to shoot fly, stem borer, earhead worm, grain mould and sugar diseases and pests.
- Testing the efficacy of different insecticides against the prevailing sorghum insect-pests.
- Research activities to meet the needs related to agronomic requirements, including working out agronomic requirements of new varieties/hybrids.
- Finding out suitable farming system for released high yielding varieties and hybrids.
- Development of new superior male sterile lines from the local materials.
- Finding out solution for the new physiological races of pathogens.
- Production of breeder seed of improved varieties, high yielding varieties and parent seed of released sorghum hybrids.
- Imparting sorghum training under Central Sector sponsored by Government of India, to extension workers and to provide extension training under T & V programme.
- Extension activities like Farmers training, Farmers meeting, field visit, demonstration, seed help etc. to promote improved sorghum cultivars and technologies.
- Developmental programme in Sorghum.