

# Future Programme

## Future Development Plan – MSRS

### (A) Strengthening of Ongoing Research Programme

- Germplasm collection, evaluation and crossing programme for:
  - Development of improved grain sorghum varieties suitable for *kharif*, *rabi* and summer.
  - Development of improved single-cut fodder sorghum variety.
  - Development of *Ponk* sorghum variety.

### (B) Strengthening of Breeding Programme

- Germplasm collection, evaluation and crossing programme for:
  - Development of salt-tolerant sorghum varieties.
  - Development of biofortified sorghum.
  - Development of speciality sorghum, including popping sorghum.
  - Development of multi-cut fodder sorghum.
  - Development of *sweet* sorghum variety.
  - Development of early-maturing and dwarf varieties/hybrids suitable for summer cultivation and mechanical harvesting.
- Development of sorghum hybrids, including development and evaluation of male sterile and restorer lines.

### (C) Strengthening of Seed Chain, Extension and Farmers' Adoption

- Strengthening of the seed chain of improved and recently released varieties through collaboration with the State Seed Corporation and the Directorate of Agriculture.
- Enhancing farmers' awareness regarding improved sorghum varieties and technologies for their wider adoption.
- Promoting wider adoption of improved an