

Objectives

- (1) To find out the good varieties and good hybrids of *G. herbaceum*, *G. hirsutum* and *G. arboreum* cotton for the farmers of middle Gujarat cotton growing area under rainfed conditions.
- (2) To find out the good agronomical practices for *G. herbaceum*, *G. hirsutum* and *G. arboreum* cotton for the farmers of middle Gujarat cotton growing area under rainfed conditions.
- (3) To find out the effective plant protection measures and varietal screening for biotic stress of *G. herbaceum*, *G. hirsutum* and *G. arboreum* cotton under rainfed conditions.
- (4) To provide high quality seeds of desi cotton varieties and pigeonpea for the farmers of rainfed region of middle Gujarat.
- (5) To suggest the agro advisory for farmers of South Gujarat climatic zone II, according to weather forecast of abiotic stresses like heat wave, heavy rain, dry spell and strong winds *etc.*, which are detrimental to the crops.