

10 Achievements

- Since its establishments in 1896, the cotton research station, Surat has been a trail-blazer for its research achievements.
- The first-ever Indo-American variety Deviraj, involving American and Asiatic blood was released in 1951.
- Global pioneer in development of commercial hybrid technology in the world.
- World's first intra-specific hirsutum hybrid cotton Hybrid-4, from this station in 1971. This hybrid proved to be harbinger for researchers elsewhere in the country as well as abroad.
- An early maturing, suitable for rainfed growing, medium staple hirsutum variety, G.Cot-10 was released in 1974 which is also male parent of G.Cot.Hy-6-a superior quality cotton and female parent of G.Cot.Hy-8-a versatile hybrid especially for rainfed.
- The first ever budded cotton G.Cot-101 which was released in 1977.
- Concurrent efforts for development of desi hybrid culminated in the release of G.Cot.DH-7 in 1984.
- In 1989, the first ever extra long staple desi hybrid G.Cot.DH-9 was released.
- The first GMS based desi hybrid G.Cot.MDH-11 and hirsutum-barbadense hybrid G.Cot.Hy-102 are released.
- A hirsutum variety G.Cot.20 and a hybrid G. Cot. Hy 12 suited to all conditions of the state has been released.
- Recently released two BG-II Cotton hybrids G. Cot Hy.6 (BG-II) and G.Cot.Hy-8 (BG-II), the first ever feat by any public sector in India the hybrids were originally released under the regime of AICCIP in 1982 and 1988, respectively.
- First jassid immune variety of *G.hirsutam* G(N) Cot.22 was developed in 2014.
- First barbadense variety GSV-39 (G.N.Cot.103) was released in Gujarat from Surat in 2014.
- G. Cot Hy.10 (BG-II) and G. Cot. Hy-12 (BG-II) approved by GEAC in 2015.
- State Agriculture Plan (SAP) for cotton was accepted as model SAP for the state in 2015.
- A intra hirsutum hybrid viz; GN. Cot. Hy. 18, two *hirsutum* varieties viz; GN.Cot.26 and GN.Cot.32 and one *G. arboreum* variety GN.Cot.29 were developed recommended for cultivation in Gujarat State in the year 2017.