

Establishment

Achhalia is situated at 73.18 East longitude and 21.97 North latitude and has altitude of about 38.0 meter above MSL. Research work at Achhalia was initiated in 1964 with State Govt. Research Farm with Cotton Research Sub-station and in 1989 G.A.U. established new research farm with NARP Phase-II project. Subsequently Taluka Seed Farm, Uchchhab was also included under this station in 2005. The research station is situated in the tribal area of Bharuch district near Umalla village, 38 km away from Ankleshwar on Ankleshwar--Rajpipla state highway no. 64. The region of this substation comes under the Agro-Ecological Situation of South Gujarat Agro-Climatic Zone II. The soil of this station is undulating shallow to medium in depth with the fine texture, low in available nitrogen and phosphorous and rich in potash.

1	Agro-climatic Zone	South Gujarat Zone-II	
2	Rainfall	1150 mm (Average of 10 years)	
3	Soil type	Medium black sandy-clay, medium in nitrogen and phosphorous, and rich in potash	
4	pH	8.0	
5	Temperature	Maximum – 46.8 °C, Minimum – 11.0 °C	
6	Soil properties	a. Carbon b. Nitrogen c. Phosphorous d. Potash e. E.C.	0.29-0.48 % 156-210 16-42 140-402 0.8-0.17 dsm
7	Water properties	a. E.C. b.SAR c.RSC	1.62 6.00 2.52