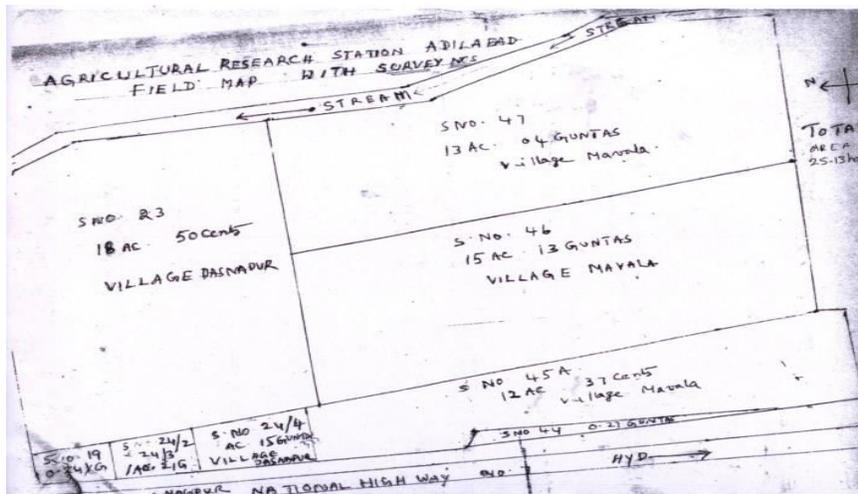


**Name of the Research Station : Agricultural Research Station, Adilabad**



**2. Geographical Layout**

1	Geographical position	:	Latitude: 19 <sup>0</sup> 39' North Longitude: 78 <sup>0</sup> 32' East
2	Total area	:	22.70 ha
3	Cultivable area	:	22.0 ha

**3. Year of Establishment : 1958**

**4. Mandate**

- To develop high yielding varieties in cotton and soybean
- To identify suitable production technologies for cotton and soybean crops
- To screen and identify insect pest resistant soybean and cotton varieties
- To produce breeder seed of elite varieties

**5. Significant achievements;**

Cotton:

ADB-39:Pre-released culture developed at this centre has short and compact plant type with 170-180 days duration, long staple (27.5 to 29.0 mm), good strength (20.6 gytex) and having yield potential of 22-25 q/ha and 36 ginning percentage. This strain is suitable for high density planting (60x10 cm) under rainfed situation.

ADB-542:A pre-released strain has yield potential of 20-26 q/ha, compact plant type, big boll size (4.1-6.0 g), staple length (27.3 mm), strength (20.6 g/tex) and ginning percentage of 35%.

Soybean:

Soybean Variety – ASb-22 (Basara), A high yielding variety has yield potential 3181 kg/ha, Tolerant to shattering even under delayed harvestings by 8 to 10 days. It is suitable for *kharif* season, Has a maturity duration of 105-110 days

Soybean Variety – LSb 18 (Bheem): It a a high yielding variety immune to *Cercospora* leaf spot/blight, rust, target leaf spot, Indian bud blight, soybean mosaic virus, collar rot and charcoal rot diseases. It is also resistant to defoliators and leaf miner and moderately resistant to pod borer and is suitable for *kharif* season with a duration of 105-110 days. Yield potential is 3000 kg/ha.