

FARM DETAILS

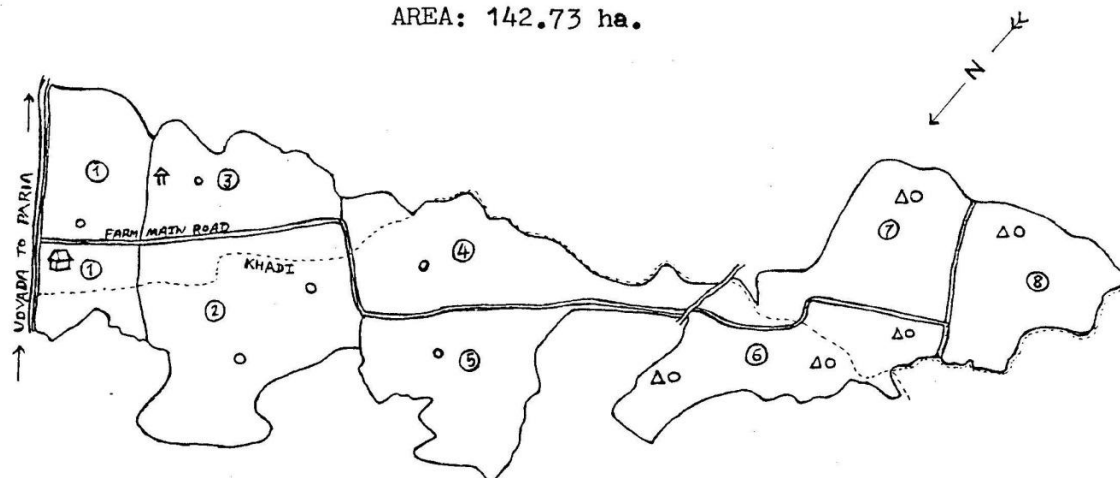
Name of the centre	:	Agriculture Experimental Station Navsari Agricultural University Paria- 396 145, Ta. Pardi, District Valsad (Gujarat)
Area	:	142.73 ha
Latitude	:	22 ⁰ -35' N
Longitude	:	72 ⁰ -35' E
Altitude	:	16.10 meters above sea level
Agro-climatic zone	:	South Gujarat Heavy Rainfall Zone-I
Agro-ecological situation	:	AES-II
Agro-ecological sub-region	:	19 : Western Ghats and Coastal Plain, Hot humid eco region
		19.1: North Sahyadris and Konkan Coast, hot, humid eco-sub region
Rainfall	:	The monsoonal rains commence from the second week of June and most of the precipitation is received during mid June to end of September. The seasonal rainfall ranges from 1500 -2000 mm.
Climate	:	The climatic conditions of the area represent the subtropical conditions. Minimum temperature varying from 18.0 ⁰ C to 22.0 ⁰ C. On the other hand, May is the hottest month in which the maximum temperature varies from 35.0 ⁰ C to 41.0 ⁰ C.
Soils	:	Most of the soils in this agro-climatic zone are medium to deep with high clay content, belongs to entisols, inceptisols and vertisols. The permeability of these soils is low to very low, alkaline in nature and are salt affected in the coastal area. They are low to medium in nitrogen, medium to high in phosphorus and sufficient in potash. No micronutrient deficiencies are present except for zinc in coastal areas.

Soil analysis report

Parameters	Analysis report
pH (1:2.5)	7.74
EC (1:2.5) (dS/m)	0.24
OC (%)	0.48
Available N (kg/ha)	220
Available P ₂ O ₅ (kg/ha)	56.30
Available K ₂ O (kg/ha)	557
Exchangable Ca (me/100g)	32.88
Exchangable Na (me/100g)	2.16

MAP OF AGRICULTURE EXPERIMENTAL STATION, PARIA

AREA: 142.73 ha.



- ① : Block number
 ○ : Tube well
 Δ : Submersible pump
 ☐ : Office
 🏠 : Bullock shed and Dairy

Block number	Area (ha.)
1	17.10
2	24.98
3	13.13
4	19.87
5	16.28
6	17.20
7	24.53
8	9.64