

The station is situated at an elevation of 60 m above MSL and represents the typical soil and agroclimatic features of the mid lands of the Kerala state. The mean rainfall is 3318mm; with south-west monsoon contributing 55.7%, north-east monsoon 28.8%, summer showers 2.4% and the remaining as pre-monsoon showers. The mean number of rainy days is 166 per annum. The mean maximum and minimum temperatures are 32.6°C and 20°C, respectively. The relative humidity ranges between 44% and 95%. The soil is gravelly clay loam, dark yellowish brown and well drained with weak fine granular structure. It has a pH of 5.5, The soil organic carbon content is medium, available  $P_2O_5$  is high (40kg ha<sup>-1</sup>) and available  $K_2O$  is rated as low. The entire area has been grouped under Class IIc, IIIc, IVc & IVcs according to land capability classification.

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