

Pineapple

Soil & Climate

Soil

Pineapple is grown on various types of soils including very poor soils. The flavour and quality of fruit grown on light soils is considered to be superior. However the sandy and loamy soils rich in humus and the laterite soils on the hillslopes in South India are suitable for its cultivation. The plant is particularly sensitive to soil being waterlogged. Therefore care should be taken to ensure proper drainage. It prefers soils with a pH range of 5.0-6.0.

Climate

Pineapple grows in warm and humid climate. The optimum temperature is from 15° to 32°C for normal growth. High temperature over 35°C is unfavourable for the development of fruits, especially if the relative humidity is low. Exposure of the fruits to strong sunshine leads to sun scalding. It can be grown up to an elevation of 1,100 m above the sea level, if these places are free from frost, have a relatively high atmospheric humidity and an average rainfall of 760-1,000 mm.