

Mango

Soil & Climate

Mango is very well adapted to tropical and subtropical climates. It thrives well in almost all the regions of the country from sea level to an altitude of 600 m. The ideal temperature range for mango is 24^o-30^oC during the growing season, along with high humidity. A rainfall range of 890-1,015 mm in a year is considered as ideal for growing mangoes. However, mango can be grown in regions of both heavy (2540 mm) or scanty (254 mm) rainfall. Dry weather before blossoming is conducive to profuse flowering. Rain during flowering is detrimental to the crop as it interferes with pollination.

Fog, cloudy weather at the time of flowering from November to February results in poor setting of fruits and favours pest and disease incidence. Mango grows well on wide variety of soils, such as lateritic, alluvial, sandy loam and sandy. The loamy, alluvial, well-drained, aerated and deep soils (2-2.5 m) rich in organic matter with a pH range of 5.5-7.5 are ideal for mango cultivation. The water table should be around 3 m and soils with high water table are unsuitable for mango.