Climate and Soil Requirement for Banana Crop

Climate:
- Heavy rainfall and constant high temperature are ideal for it cultivation.
- Latitude 1200 MSL with temperature 26 to 27°C.
- Stagnation of water is injuries and may causes like Panama wilt.
- Frost is the limiting factors for successful cultivation.
- Low temperatures delay the maturity and a lead to malformation of bunches.
- Temperature above 36-38°C causes scorching effects on leaves with high transpiration.
- Storm and cyclones causes breakage and uprooting of pseudostem.

Soil:
- All soils provided with adequate soil moisture are suitable
- Deep, well drained, friable red loamy soils to black soils with good organic matter are ideal
- Banana has restricted root zone so depth and drainage are the two important point considered during selection of soils
- Soil pH 6.5 to 8.5 is optimum
- Commercial crops of banana are being raised in heavy clay soils and alluvial soils, black loam, coastal sandy loams as well as red lateritic soil.