

# Apple

## Soil and Climate

### **Soil :**

Apples grow best on a well-drained, loam soils having a depth of 45 cm and a pH range of pH 5.5-6.5. The soil should be free from hard substrata and water-logged conditions. Soils with heavy clay or compact subsoil are to be avoided.

### **Climate :**

The apple is a temperate fruit crop. However, in India the apple growing areas do not fall in temperate zone but the prevailing temperate climate of the region is due to the Himalayan ranges and high altitudes. The average summer temperature should be around 21-24°C during active growth period. Apple succeeds best in regions where the trees experience uninterrupted rest in winter and abundant sunshine for good colour development. It can be grown at an altitude of 1500-2700 m above the sea level. Well-distributed rainfall of 1000-1250mm throughout the growing season is most favourable for optimum growth and fruitfulness of apple trees.