

Carrot

Soil & Climate

Soil :

Carrots grows well drained, deep, loose, sandy loam soils rich in humus and having a pH 5.5-7.0. Soils free of clods are preferred for smooth straight roots. Compared to sandy soils, carrots grown on heavy soils tend be more rough and coarse as the soil compaction affects root growth and length. Very loose or highly compact soils are detrimental to growth of roots.

Climate :

Carrot is a cool season crop growing under a wide range of rainfall. A temperature range of 7- 23 °C is considered optimum for seed germination while for better root growth 18 - 23°C is ideal. Very high or low temperature is not conducive for proper development of roots. At higher temperatures, the roots become shorter, thicker and non-juicy while at lower temperatures (10° to 15°C), they become longer and develop poor colour.