

# Deficiency and Symptoms of Peach

## Nitrogen

### Deficiency Symptoms

Stunted growth. Pale green to light yellow color (chlorosis) appearing first on older leaves. Depending on the severity of deficiency, the chlorosis could result in the death and / or dropping of the older leaves.

### Correction Measure

Foliar spray of Urea 1-2 % at fortnightly intervals.

## Phosphorus

### Deficiency Symptoms

Symptoms appear on older leaves. The leaves are small and narrow with purplish or bronze discolouration. Leaves develop necrotic areas and fall off.

### Correction Measure

Foliar spray of DAP@2%

## Potassium

### Deficiency Symptoms

Chlorosis along the edges of leaves (leaf margin scorching) occurs first in older leaves. Plants lacking K will have slow and stunted growth. Stems are weak. The size of the fruits and the quantity of their production is reduced

### Correction Measure

Foliar spray of KCl@1-2%

## Magnesium

### Deficiency Symptoms

Yellowish blotch near the base of leaf, midrib and the outer edge. The leaves become entirely yellow and defoliate.

### Correction Measure

Foliar spray of MgSO<sub>4</sub>@1-2%

## Sulphur

### Deficiency Symptoms

Younger leaves are chlorotic with evenly, lightly colored veins. Growth rate is retarded and maturity is delayed. Plant stems are stiff, thin and woody. Symptoms may be similar to N deficiency and are most often found in sandy soils.

### Correction Measure

Soil application of gypsum@20kg/ha

## Iron

### Deficiency Symptoms

Thin leaves with interveinal chlorosis in young leaves. Green tinge at the base of mid rib. Leaf size reduced. Later the leaves become pale or whitish and shed. Die back symptom older leaves remain green, fruits hard, coarse light coloured.

## **Correction Measure**

Foliar spray of  $\text{FeSO}_4$  @ 0.5%

## **Manganese**

### **Deficiency Symptoms**

Symptoms first appear as chlorosis in young tissues. Unlike Fe chlorosis symptoms, Mn chlorosis shows up as tiny yellow spots.

### **Correction Measure**

Foliar spray of  $\text{MnSO}_4$  1% at fortnightly interval.