

# Deficiency Chart of Micronutrients

**Boron:** Discoloration of leaf buds. Breaking and dropping of buds

**Calcium:** Plant dark green. Tender leaves pale. Drying starts from the tips. Eventually leaf buds die.

**Sulphur:** Leaves light green. Veins pale green. No spots.

**Iron:** Leaves pale. No spots. Major veins green.

**Manganese:** Leaves pale in color. Veins and venules dark green and reticulated

**Copper:** Pale pink between the veins. Wilt and drop.

**Zinc:** Leaves pale, narrow and short. Veins dark green. Dark spots on leaves and edges.

**Molybdenum:** Leaves light green/ lemon yellow/orange. Spots on whole leaf except veins. Sticky secretions from under the leaf.

**Magnesium:** Paleness from leaf edges. No spots. Edges have cup shaped folds. Leaves die and drop in extreme deficiency.

**Potassium:** Small spots on the tips, edges of pale leaves. Spots turn rusty. Folds at tips.

**Phosphorus:** Plant short and dark green. In extreme deficiencies turn brown or black. Bronze colour under the leaf.

**Nitrogen:** Stunted growth. Extremely pale color. Upright leaves with light green/yellowish. Appear burnt in extreme deficiency.

**THE COLOUR REPRESENTED ARE INDICATIVE.  
THEY MAY VARY FROM PLANT TO PLANT**

