

Iron Deficiency Symptoms

Iron plays an important role in the following:

- Necessary for the formation of some proteins
- Part of the enzyme system needed for plant respiration
- Required on chlorophyll formation
- Needed in photosynthesis



Factors which may lead to Iron deficiencies in the soil:

- High pH soils
- Compacted soils with poor drainage (soils where oxygen may be restricted to the roots)
- Excessive phosphates, calcium, manganese, zinc, or copper levels

Iron deficiency symptoms:

- Plants may show chlorosis of the younger, upper leaves while veins may remain green (parts of leaves may remain green, the other part chlorotic yellow)
- Plants are generally spindly and stunted



Iron Deficiency on Citrus



Iron Deficiency on Potatoes



**Manganese Deficiency on
Tomatoes**



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