



Unit B: Establishing a Fruit Garden

Lesson 5: Fertilizing Fruit and Nut Trees

Deficiency Symptoms Review

- Please note:
 - Every fruit will display some special characteristics when experiencing a particular deficiency. For example, a copper deficiency in apple has different characteristics than pear.
 - These slides only show the general characteristics to look for.
 - Use TM: B5-2 as a reference while observing these slides.

Nitrogen



Nitrogen



Nitrogen deficiency causing leaf drop on fruit trees.

Phosphorus



Potassium



Calcium



Apple calcium deficiency appears as slightly sunken round blemishes, more numerous at blossom end.

Magnesium



Sulfur

Sulfur deficiencies are hard to diagnose as they are very similar to Nitrogen- yellow leaves, poor fruiting. The only difference is **sulfur deficiency begins in younger leaves.**

Boron



Boron



Boron
deficient
cherry
showing
dieback of
shoot
terminals.

Copper



Chlorine



Iron



Manganese



Molybdenum

Molybdenum deficiency is hard to diagnose as it is very similar to Nitrogen. Also, Molybdenum is very rarely deficient.

Zinc

