

A HEALTHY TREE is a HAPPY TREE

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Nutrient Deficiency

Not all plant problems are caused by insects or diseases. All plants need nutrients and can benefit from a regularly scheduled fertilization treatment. Call a professional certified arborist at Frady Tree Care to analyze your trees and shrubs for a nutrient deficiency if you see these signs:

- a slow rate and low amount of annual growth on twigs and trunk
- smaller than normal foliage
- off-color foliage
- increased amounts of dead branches
- tip-die back in branches
- and increased rates of disease and insect problems



Nutrients that are needed in relatively large supply to allow for healthy plants are called macronutrients. They are: nitrogen, potassium, phosphorus, calcium, sulfur and magnesium.

Micronutrients are also required, but in much smaller amounts. They are: boron, copper, iron, manganese, molybdenum and zinc.

Symptoms of macronutrient deficiencies are:

Nitrogen – older leaves, typically at the bottom of the plant, turn yellow

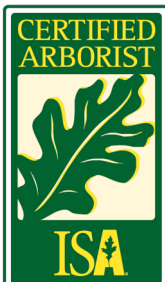
Potassium – older leaves may look scorched around the edge and yellowing between leaf veins may occur

Phosphorus – small leaves may take on a reddish-purple tint; leaf tips can look burnt and older leaves turn almost black; fruit and seed production is reduced

Calcium – new leaves are distorted or hook shaped; the growing tip may die Sulfur – new growth turns pale yellow, older growth stays green; stunts growth

Magnesium – slow growth and leaves turn pale yellow, sometimes only outer edges; new growth may be yellow with dark spots

Frady Tree Care takes great pride and passion to care for your trees.



Please call 888-853-8733 to schedule a free consultation with a certified arborist from Frady Tree Care. Thank you for visiting www.fradytreecare.com.
TREE CARE SPECIALISTS

