



# LANDSCAPE

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## CONSULTANTS LLC

"Our Design Expertise Sets Us Apart"

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## Iron Chlorosis

Why are the leaves on my tree light green or yellow?

Sometimes insect problems or spray damage can cause yellowing of foliage. If you can eliminate those issues as a concern then a close inspection of the effected leaves is next. If the leaves have green veins but yellow foliage then Iron Chlorosis could be the problem. A good first step is a soil test to check the PH of the soil. If the test shows a PH of 7.5 or higher, Iron Chlorosis is most likely the problem. Chlorosis shows up due to a lack of available iron in the soil. The iron may be unavailable to the plants root system due to the high PH of the soil. Iron Chlorosis can affect trees, shrubs even annuals and perennials. When severe the plants can actually die.

Why does this affect my trees but not my neighbors?

The variety of tree you select makes all of the difference in the world. Some trees are not as susceptible as others. They are more tolerant of high PH soils. Contact your nursery professionals at Landscape Consultants to learn more about trees that perform best in your area.

What can I do?

There are several treatment options available. While changing the PH of the soil is difficult, adding products to your lawn area like Hi Yield Soil Acidifier Plus Micros and Fertilome Soil Acidifier Plus Iron can help. Iron products can stain concrete so be sure to read the label so you understand what precautions you need to take when apply these products.

Foliar sprays work the fastest but can be short lived. Products like Fertilome Chelated Liquid Iron and Other Micro Nutrients are available at local nurseries and garden centers. This product can be used as a soil drench or a foliar spray. Be sure to follow the label application rates. Fall applications allow plenty of time for the nutrients to spread through the soil and are then available the next growing season.

Another option is a trunk Injection. This is best left to a professional arborist or a trained nursery professional.

The easiest answer is to plant trees and shrubs that perform well in the soils in your area. Let the professionals at Landscape Consultants show you varieties that will perform well for years to come.

Connect with us online!

