

PRESCRIPTION PROGRAMS

FERTILIZATION PROGRAM FOR YOUR PROPERTY

A tree inhabits the same soil for its entire life. The soils around trees in natural surroundings (like the ones in a forest) contain diverse populations of micro organisms and nutrients that feed off one another. Because of these organisms, trees tend to live much longer and stronger lives in a natural forest setting. Trees in the urban landscape must tolerate poor soils and other stress factors. Over time, through environmental stresses and other factors, soils become compacted, depleted of any microorganisms, and become ineffective of sustaining the root system of a tree. At Boutte Tree we have developed various methods-customized to your property-to help promote a healthy soil environment.

The benefit of Boutte's fertilization program is a more vigorous tree by using a low analysis of N-P-K , low salt, slow release, high in organics and microbial organisms. Your trees will live longer and be less susceptible to attack by insects and diseases. Mature and/or declining trees will be more tolerant of these stress factors and less likely to decline. A complete fertilization program will prevent, as well as treat, soil deficiencies and will improve root development.

Soil deficiencies can be complex and difficult to diagnose. Abnormal leaf color, size, shape, and density may indicate a nutrient deficiency in the soil. The symptoms for insect, disease, or herbicide damage are similar. An imbalance in soil pH and/or chemistry can affect nutrient availability and mimic nutrient deficiency.

Soil compaction can reduce pore space and root development, and restrict water and nutrient movement through the soil profile.

A Certified Arborist can diagnose soil deficiencies and recommend treatment. Fertilizing is a critical step in rebuilding root systems and replenishing energy reserves of a tree. Soil testing is used to determine pH and nutrient levels, enabling us to fine-tune rates and customize micronutrient applications to your site.

At Boutte Tree Inc. we have carefully formulated a fertilization program that address soil deficiencies and improve the health of urban trees. A complete soil therapy program will:

- Increase organic and mineral substances essential for tree growth.
- Improve soil texture, structure, bulk density and workability to improve moisture and air conditions in the soil.
- Increase water holding capacity in the soil.
- Improve nutrient availability, including nitrogen and other micro and macro nutrients.

