

SOIL MANAGEMENT PROGRAMS



ENHANCING YOUR LANDSCAPE WITH SCIENCE AND KNOW HOW.



**BARTLETT
TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907

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“From an environmental standpoint this is the most efficient and beneficial fertilization program available. Slow-release nutrients are used to lessen leaching or run-off while maximizing tree uptake.”

— Dr. E. Thomas Smiley
Soil Scientist, Bartlett Tree Experts Research Labs

HEALTHY SOIL MEANS HEALTHY PLANTS

Nothing's more critical in keeping your landscape plants healthy than good soil. At Bartlett, we lead the industry in sustainable treatments created to improve your soil. Whether you need adjustments to minor problems, or large-scale soil enrichment to improve the health of your trees and shrubs, we have the solution.

Your Bartlett Arborist Representative will visit your property for a consultation, make an assessment, and advise you about which treatment would most effectively achieve your landscape goals.

TREATMENTS WE RECOMMEND

BOOST®

Every time leaves drop, trees and shrubs lose essential nutrients. Based on years of scientific study, the Bartlett Tree Research Laboratories have developed slow-release fertilizers that replace the essential elements that typical trees lose during leaf fall. BOOST fertilizer is a regionally-specific blend of necessary macronutrients (nitrogen, phosphorus and potassium) with key micronutrients (iron, manganese, copper, zinc) to give the best results under typical soil conditions in your region.

The nitrogen in the BOOST formula comes in two forms. One is readily available for a quick green-up and the other works slowly over the growing season so that the plant has a constant flow of nutrients. This slow release form is activated by naturally occurring soil microorganisms.

BOOST is soil injected to reduce the risk of run-off and to counteract competition from turf roots. It also contains special wetting agents to ensure optimal distribution. It is chloride-free, with a very low salt index.

BOOST® NK

BOOST NK is our phosphorus-free product, formulated to support areas with existing high phosphorus concentrations and minimize phosphorus runoff.

BOOST® Natural Organic Fertilizer

If you prefer an organic fertilizer, you can receive the benefits of BOOST in an Organic Material Review Institute (OMRI) listed product, BOOST Natural. This fertilizer provides nitrogen and potassium for your trees and shrubs, and is the only true organic fertilizer listed for soil injection on landscape trees and shrubs. This unique product is both effective and organic, a rare combination in the industry.



PRESCRIPTION FERTILIZATION

Prescription Fertilization

Not all soil is the same, not even at the same address. Prescription Fertilization combines soil analysis, your trees' needs, and your goals to create a unique fertilizer specifically for your trees and shrubs. This program also emphasizes environmental stewardship and maximizes plant health.

HOW PRESCRIPTION FERTILIZATION WORKS

- Your Bartlett Arborist Representative, or Plant Health Care Specialist determines the condition of your trees and shrubs and consults with you about your landscape objectives.
- Soil samples are collected and analyzed for nutrient content and pH.
- If soil modification is necessary, the scientists at the Bartlett Tree Research Laboratories develop a specific prescription fertilizer just for your plants.
- Your Plant Health Care Specialist mixes the prescribed materials on site and applies the correct combination at optimal rates for your trees and shrubs.
- We maintain computer records of treatment so that progress can be measured over time.



BARTLETT'S ROOT INVIGORATION PROGRAM

The latest innovation from the Bartlett Research Laboratories is a complete program for soil revitalization that reduces soil compaction and incorporates organic matter and nutrients to promote root growth. This program has been very effective in reversing tree decline and reducing transplant shock when large trees are moved. Bartlett Root Invigoration is such a breakthrough, it has received a patent from the U.S. government.

HOW ROOT INVIGORATION WORKS

- **SITE EVALUATION, PLANT EVALUATION, SOIL SAMPLING**
Healthy mature trees, declining trees and large new transplants are evaluated for vitality. A soil sample is collected to determine existing nutrients, pH/organic matter and soil penetrability or density.
- **SOIL CONDITIONING**
A supersonic air tool is used to cultivate the soil to a depth of 6–8 inches (15.24–20.32 cm). This eliminates soil compaction without damaging roots.
- **SOIL TREATMENT**
Organic matter is added to the soil to improve its health and quality and to prevent re-compaction. A fertilizer meeting your specific soil and tree needs is applied. These components are then incorporated into the soil using high pressure air.
- **MULCHING**
Mulch is applied after the treatment. This protects the soil from compaction and water loss. Over the long term, mulch breaks down and provides organic matter to the soil and nutrients to the tree. Mulch should be maintained at a depth of 2–4 inches (5.08–10.16 cm).
- **ROOT DISEASES**
If root disease is observed when roots are exposed, or is suspected for other reasons, treatments will be recommended.

WHAT YOU WILL SEE

Typically, the next flush of growth will be denser and more vibrant in color. This increase in leaf health and density will relate to future root growth and continued improvement in overall tree health.

YOUR SOIL MANAGEMENT GOALS

Bartlett has a soil management plan that can be tailored to fit your landscape goals. We offer solutions to your tree and shrub problems using a wide variety of treatments developed and tested by the Bartlett Tree Research Laboratories.

Whether you fertilize your property with BOOST, BOOST Natural Organic Fertilizer, or use Prescription Fertilization or Root Invigoration, Bartlett has the expertise and experience to maintain your landscape in optimum condition.

Your Bartlett Arborist Representative will offer recommendations and advice about these and other treatments, such as dead branch pruning, pest and disease management, tree risk assessment, and more.



CONTACT YOUR BARTLETT
ARBORIST REPRESENTATIVE
TODAY!

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