



**BARTLETT
TREE EXPERTS**

SCIENTIFIC TREE CARE SINCE 1907

Act Now



**AND ENJOY HEALTHY TREES AND
SHRUBS NEXT YEAR!**

PROACTIVE PLANT HEALTH CARE

Fall or early winter is an ideal time to perform several procedures that affect the health, safety and beauty of your trees and shrubs during the spring and summer months.



Bartlett offers a full range of preventive and remedial services. Our Arborist Representatives and tree care professionals achieve unmatched levels of service, safety and landscape value. Scientists at The Bartlett Tree Research Laboratories conduct training programs and perform analyses that provide our clients with unsurpassed arboricultural expertise.

Bartlett's fall and early winter checklist for proactive tree and shrub care:



- ✓ Identify and manage over-wintering pest populations. Begin horticultural oil treatments if necessary for fall feeding pests and next year's insects and mites.
- ✓ Fertilize plantings to encourage root development.
- ✓ Prune dead, broken and interfering branches. If the canopy is dense, prune (thin) live branches to reduce wind resistance and improve appearance.
- ✓ Check for structural weaknesses in branch junctions – install cabling and/or bracing if necessary.
- ✓ Consider lightning protection for trees at risk or close to structures. Perform cultural practices. Mulch, protect from animal damage and the drying effects of winter weather.
- ✓ Assess your landscape needs and establish next season's goals.

BARTLETT'S INTEGRATED PEST MANAGEMENT PROGRAMS

Bartlett offers its clients two different Integrated Pest Management programs that use a combination of several techniques and varied materials to maintain healthy landscapes. Both are extremely effective at controlling pests and diseases on client properties.

Our original program combines cultural and spray treatments with products that meet the strict standards of our laboratory. Products are determined by the existing conditions on the property. Visits to the property for periodic inspections are a part of the program.

Another program that Bartlett offers also combines cultural and spray treatments, but relies on natural-based materials

to achieve pest management. Biological control releases (predators), horticultural spray oils and soaps are used whenever possible. This requires more carefully timed treatments and monitoring for success. We can also achieve better results by recommending pest resistant plantings.



Based on your preferences and goals, your Arborist

Representative can customize a treatment program that best suits your individual needs.



Whether you choose our original program or our natural-based program you have a

wide range of treatment options using conventional treatments or alternative practices. Remember, success relies on early detection, treatment and maintenance.

BARTLETT'S SOIL MANAGEMENT PROGRAMS

Fall is the season when most trees and shrubs grow roots. Root systems are a primary area for starch storage during this time. The starch reserve is mobilized in the spring, when a burst of energy is required for shoot growth, leafing and flowering.

Vigorous trees and shrubs depend on healthy roots. Here are our options for soil management:

BOOST®

BOOST is a slow-release fertilizer that replaces the nutrients that average trees and shrubs lose. It's a blend of key micronutrients formulated to give the best results under typical as well as difficult soil conditions. BOOST provides an immediate burst of nutrients followed by slow-release nutrient infusions into the soil.



PRESCRIPTION FERTILIZATION

All soil is not the same – not even at the same address.

This plan is goal/site/plant-specific. It uses soil analysis to determine nutrient availability. If soil modification is necessary, the scientists at The Bartlett Tree Research Laboratories write a specific prescription just for you. Your Bartlett technician will then mix the prescribed materials on site and apply them in the correct combination at optimal rates for your individual plantings.



ROOT INVIGORATION

For declining mature trees, those on recently constructed sites and for large new transplants, the Root-R_xTM program is often recommended.

Root-R_x has been very successful at encouraging root growth and returning declining trees to a healthier state. The program consists of conditioning or tilling the soil using a supersonic air tool, adding organic matter, fertilizer and mycorrhizae, then mulching over the affected area. The air tool tills the soil but does not damage roots.



BARTLETT'S FALL AND WINTER PRUNING PROGRAMS

Skilled pruning results in safer, healthier and more attractive trees and shrubs.

It's advantageous to schedule this task after leaves have fallen, revealing an unobstructed view of the silhouettes of trees and deciduous shrubs. After

leaf fall, dead, broken and interfering branches are easier to spot and remove.

Bartlett Arborists recognize several goals while making decisions about pruning cuts. They consider the desired overall shape, the percentage of trimming that can occur to optimize health and what cut will encourage

good growing habits. Each pruning cut has a specific reason to achieve a desired result.



CABLING/BRACING

As with pruning, the advantage of cabling and/or bracing trees in early fall or winter is having a view unobstructed by foliage. It's easier to judge distances, cable tension, angles and directions. Structural defects are more apparent.



LIGHTNING PROTECTION

You should consider lightning protection if you have:

- ◆ Trees close to your house and higher than the roof.
- ◆ Tall trees in open recreation areas (parks, golf courses, lawns, tennis courts, pool areas).
- ◆ High value, memorial or historic trees.
- ◆ Trees susceptible to lightning (ash, catalpa, elm, hemlock, locust, maple, oak, pine, spruce and tulip poplar etc.).
- ◆ Solitary trees of any height in high traffic areas.





COMPLETE TREE AND SHRUB CARE SERVICES

No one else offers you as full a range of preventive and remedial services as Bartlett Tree Experts. No other company has a research laboratory solely devoted to scientific arboriculture. No one else performs the work as well.

Call Bartlett about these related services:

- ◆ Consultations
- ◆ Tree preservation on construction sites
- ◆ Year-round maintenance programs
- ◆ Insect and disease management
- ◆ Tree and stump removal
- ◆ Tree relocation
- ◆ Tree inventories

Preventive maintenance is the most cost-effective way to keep your landscape trees and shrubs in optimum condition. Healthy plants resist insects, diseases and damage. They add value to your property and are investments in natural beauty.



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1-877-BARTLETT

(877-227-8538)

www.bartlett.com

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