Tree Specialists, Inc.

Conservation | Preservation | Restoration

Fertilization

Periodic fertilization provides much needed nutrients for plants with restricted root systems and helps offset environmental stressors.

Why Fertilize?

Our native New England soils are typically

- sandy in texture
- acidic in pH
- low in organic matter
- nutrient deficient

In the forest environment, these shortcomings are offset by the thick layer of decaying leaves and organic matter that blankets the forest floor. This layer of natural compost provides a self-renewing source of nutrients, and plants tend to develop shallow, expansive root systems in order to obtain an adequate supply of water and nutrients.

In the developed landscape, root systems are restricted by numerous hardscape features such as:

- pavement
- concrete
- retaining walls
- foundations

Trees in this environment are effectively "growing in a pot", with limited root zones and minimal nutrient recycling. They are easily stressed by other environmental factors such as soil compaction, drought, and injury from insects or disease.

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Accredited by the
Tree Care Industry Association

We recommend these additional products:

Organic Bio-stimulant

A low phosphate, liquid micronutrient treatment that also includes food materials for soil microbes.

Great for plants in maintained landscapes affected by limited soil volume, drought, pest injury, or other environmental stresses.

Landscape plants "in a pot"

Hygroscopic Humectants

These are organic, biodegradable soil additives that can increase moisture absorption and retention in drought-prone soils. They also can extract water vapor from the air, making it available to plant roots.

Drought stress is a leading cause of secondary pest and disease disorders, leading to plant decline.

Mineral Amendment

Addition of individual mineral nutrients to address known deficiencies and to adjust pH.

A granular surface application, custom blended in response to soil test results.