



CORE AERATION

What is Core Aeration with Over-Seeding?

Core Aeration is a service that improves a lawn by reducing compaction and thatch. The Core Aerator machine pulls thousands of plugs from the lawn reducing compaction and allowing water, air and nutrients to reach your lawn's root system efficiently. **Seed** is then spread over the entire lawn, falling into holes and making contact with exposed soil. Cool season grasses such as bluegrass, ryegrass and fescues grow most actively in the fall and a single aeration is best done early in the fall.



Benefits of Core Aeration:

- Improved air exchange between the soil and atmosphere
- Improved drainage and soil water uptake
- Improved fertilizer uptake and use
- Stronger turfgrass roots
- Reduced soil compaction
- Reduction of the thatch layer
- Healthier more durable lawn

Does my lawn need Core Aeration?

There are 2 major factors that determine if your lawn would benefit from a Core Aeration service: **Thatch and Compaction.**

Thatch

Thatch is the top layer of soil made up of partially decomposed leaves, shoots and roots which accumulate over time. A thin layer (up to 1/2 inch) is normal and healthy. More than 1/2 inch of thatch can be a detriment to your lawn especially the thicker it gets. It can choke out the lawn by restricting the movement of air, water, fertilizer and other materials to the roots which are necessary for healthy, vigorous turf growth.



Compaction

Compacted Soil is a common cause of a struggling lawn. If your lawn gets heavy traffic it will best survive if aerated once or twice a year. A heavy clay soil also needs more frequent aerating. Lawns receiving light traffic or established on a sandy soil can be aerated once a year or every other year.



Your lawn care technician will note your account if he thinks your would benefit from a fall core aeration. Call our office to speak with one of our Lawn Care Specialists at **781-829-9515** to get more information on this valuable service.