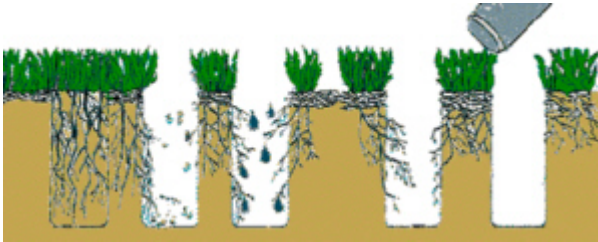


Aeration F.A.Q - Daniel Lawn Care

What is Aeration?

Aeration is one of the most important things you can do for your lawn. It is the process of removing thousands of plugs of thatch and soil approximately 2 inches deep and 5/8" in diameter from the lawn to improve soil aeration.



Core aeration helps the lawn's health and vigor, and it reduces maintenance requirements. The following are other benefits of core aeration:

- Improves air exchange between the soil and the atmosphere
- Enhances soil water uptake
- Improves fertilizer uptake and use
- Improves turf grass rooting
- Reduces soil compaction
- Enhances heat and drought stress tolerance
- Improves resiliency and cushioning
- Accelerates thatch break down

Why is Lawn Aeration Necessary?

In most home lawns, the natural soil has been seriously distributed by the building process. Fertile top soil may have been removed or buried during excavation of the basement or footings, leaving top soil that is more compacted, higher in clay content and less desirable for healthy lawn growth. These lawns need aeration to improve the depth and extent of turf grass rooting and to improve fertilizer and water use.

When Should Lawns be Aerated?

Annual aeration is beneficial for most lawns. Lawns growing on heavy clay or subsoils, and lawns exposed to intense use benefit from more than one aeration each year. Aeration can be done spring or fall. Fall aeration is preferable as new root development is more prevalent at this time of year and continues through most of the winter. Aeration creates the growth zones new roots need to achieve the maximum benefit from the season. Aeration before or at the time of late season fertilization enhances root growth and response and improves spring green up and growth.