

WHAT IS CORE AERATION?

Technically speaking, aeration is the naturally occurring process of air exchange between the soil and its surrounding atmosphere.

Practically speaking, aeration is the process of mechanically removing small plugs of thatch and soil from the lawn to improve natural soil aeration.

Typically core aeration is done in either the spring or fall, or ideally – both! The exception to this would be newly established lawns that are less than 2 years old.

WHAT ARE THE BENEFITS OF CORE AERATING?

Core aeration greatly improves overall plant health, appearance, disease and weed resistance as well as lowering overall maintenance costs through these means:

- Improved air exchange between the soil and atmosphere.
- Enhanced soil water uptake.
- Improved fertilizer uptake and use.
- Reduced water runoff and puddling.
- Stronger turfgrass roots.
- Reduced soil compaction.
- Enhanced heat and drought stress tolerance.
- Improved resiliency and cushioning.
- Increased thatch breakdown.



EQUIPMENT MATTERS

The type of aeration equipment used can determine how effective an aeration treatment will be. Core aerators have hollow tines that pull soil cores and leaves them on the ground to be broken down as a source of natural fertilizer and nutrients. In general, turf responds best when core holes are close, deep and tines sharp. We utilize new, industry leading core aeration equipment capable of pulling 2" to 5" cores, depending on soil moisture content.

- Top of the line commercial Ryan walk behind units service our residential and acreage clients.
- Our large 60" 3 point hitch mounted units with 96 aerating spoons and independently freewheeling spoon gangs makes quick work of medium to large sized properties, including acreages and farms, property management sites, golf course fairways, soccer and football fields, ball diamonds, hospitals, school grounds and municipal parks.



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