



FAQs about AERATION

What is aeration?

Technically, aeration is the naturally occurring process of air exchange between the soil and its surrounding atmosphere. Practically, aeration is the process of mechanically removing small plugs of thatch and soil from the turf to improve soil density.

What are the benefits of aeration?

Aeration will help turf health and vigor by:

- improving fertilizer uptake and use
- reducing water runoff and puddling
- improving turfgrass rooting
- reducing soil compaction
- enhancing heat and drought stress tolerance

Why is aeration necessary?

Most turf is exposed to stress from traffic injury, playing, and mowing - all of which compact the soil. In addition, raindrops and irrigation increase soil density by compacting soil particles and reducing air spaces where roots may readily grow. Aeration will improve the depth and extent of turf grass rooting and improve fertilizer and water use.

When should turf be aerated?

Annual aeration is beneficial for most turf. Turf growing in heavy clay and/or exposed to intense use benefit from more than one aeration each year.

What can I expect after aeration?

Immediately after aeration, your turf will be dotted with small plugs pulled from the soil. Water the turf after aeration, particularly in areas where drought and high temperatures are common. Within a week or two, the plugs will break apart and disappear into the turf. With very compacted soils, you should see an immediate difference in water puddling and runoff after irrigation or rainfall.

After aeration, your turf will maintain its vigor longer between watering before showing signs of wilt. With repeated aeration, over time your lawn will demonstrate enhanced heat and drought stress tolerance.

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