

# CORE AERATION

The Most Environmentally Beneficial Way  
To A Greener, Healthier Lawn.

## Why Aerate Your Lawn?

Roots need more than just water and fertilizer to survive. **They also need OXYGEN!** Roots absorb neither water nor fertilizer unless oxygen is also present in the soil. Aeration dramatically reduces soil compaction



by removing plugs of soil from the lawn and leaving holes which allow oxygen to reach the roots, creating growth pockets for new

roots. This practice intensifies rapid and healthy root growth.

A healthier root structure improves the lawn's ability to reach water and other nutrients deep in the soil. This makes your lawn more resistant to heat and drought.

## Commonly Asked Questions Regarding Core Aeration

### How big are the plugs that are removed from the ground?

The soil plugs are about 3" inches long and about 3/4" wide, about the size of your thumb.

### How long do the plugs remain after aerating?

It depends on the time of year, amount of rainfall, etc., but they typically dissolve within a couple of days. Mowing will break up most of them, and nature will do the rest over a short period of time.

### How often should a lawn be aerated?

Because all lawns grow better with increased oxygen, water and nutrient flow, experts agree lawns should be aerated at least once a year.

## The 10 Benefits of Core Aeration

1. Helps conserve water
2. Enhances heat and drought stress tolerance
3. Enhances soil water uptake and use
4. Reduces water runoff and puddling
5. Reduces soil compaction
6. Improves air exchange between the soil and atmosphere
7. Improves fertilizer uptake and use
8. Improves turfgrass rooting
9. Improves resiliency and cushioning
10. Enhances thatch breakdown



**MASSEY**

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