

UNDERSTANDING AND CORRECTING SOIL COMPACTION

6050 Stone Rd.
Medina, OH 44256

Loosen the soil. Help roots breathe. Grow a better lawn.

(330) 721-8873

Soil compaction is one of the leading causes of poor lawn health. When soil becomes compacted, air, water and nutrients can't reach the roots. The result is weak, stressed grass that struggles to grow and withstand weeds, drought and disease.

The good news? Compaction can be corrected!



SIGNS OF SOIL COMPACTION



Water Doesn't Soak In

- Water beads up or runs off
- Puddles form and linger after rain



Thin, Weak Turf

- Sparse or patchy grass
- High foot traffic areas suffer most



Shallow Roots

- Roots grow near the surface
- Grass pulls up easily



Hard, Baked Soil

- Soil feels hard and crusty
- Difficult to push a screwdriver in



More Weeds and Stress

- Weeds invade thin areas
- Lawn stressed by heat and drought

COMMON CAUSES OF SOIL COMPACTION



Foot Traffic and Play

Walking, running and heavy use compress the soil over time.



Heavy Equipment

Mowers, tractors and other equipment put pressure on the soil, especially when wet.



Clay Soil

Clay soils are naturally prone to compaction, especially when wet.



Poor Drainage

Wet soils compact more easily and stay compacted longer.



Thatch Buildup

A thick layer of thatch adds to compaction at the root zone.

HOW WE CORRECT SOIL COMPACTION

Our core aeration and soil improvement program relieves compaction and helps your lawn thrive.

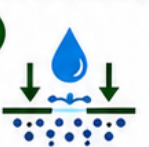
1



CORE AERATION

We remove small plugs of soil to break up compacted layers and create space for air, water and roots to move in.

2



IMPROVE INFILTRATION

Water, air and nutrients can now penetrate the root zone, reducing runoff and puddling.

3



ENHANCE ROOT GROWTH

Roots grow deeper and stronger in loose, well-aerated soil, improving drought tolerance and health.

4



STRONGER, HEALTHIER LAWN

Better roots mean thicker, greener grass that can stand up to stress, traffic and the seasons.

5



LONG-TERM BENEFITS

Regular aeration and proper soil care prevent compaction from coming back and protect your lawn for the long run.



WHY CORE AERATION MATTERS

Core aeration is the single most effective way to reduce soil compaction and improve lawn health. We recommend aerating every year for high traffic lawns and every other year for most properties. Fall is the best time to aerate in Northeast Ohio.

AERATION WORKS BEST WITH:

- ✓ Proper watering
- ✓ Healthy soil with organic matter
- ✓ Balanced fertilization
- ✓ Overseeding to fill in and thicken the turf



(330) 721-TURF (8873)

Call today to schedule core aeration and give your lawn the relief it needs to grow strong, deep and green!