Meehan's Brookside LAWN SERVICE

# UNDERSTANDING & CORRECTING SOIL COMPACTION

LOOSEN THE SOIL. HELP ROOTS BREATHE. GROW A BETTER LAWN!

## 1 WHAT IS SOIL COMPACTION?



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.







## 2 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

## 3 COMMON CAUSES OF SOIL COMPACTION

### FOOT TRAFFIC AND PLAY
Walking, running and heavy use compresses 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.

## 4 HOW WE CORRECT SOIL COMPACTION

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

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

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

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

### LONG-TERM BENEFITS
Regular aeration and proper soil care prevents compaction from coming back and protects your lawn for the long run.

(440) 243-8277 | www.meehanslawnservice.com

*A Healthier, Thicker Lawn Starts Today!*

LOCAL & TRUSTED | PROFESSIONAL SERVICE | BEAUTIFUL RESULTS