



# SPORTS TURF DECOMPACTION

FOR CONTINUOUS PLAYABILITY

NO DISRUPTION OF PLAYING SURFACE



## SOIL DECOMPACTION IMPROVES

- Air penetration
- Water percolation
- Root proliferation

## BUILDS SOIL STRUCTURE

- Increases microbial populations
- Creates pore space and soil colloids
- Improves nutrient uptake

## NO MESSY PLUGS TO AFFECT PLAYABILITY

- No safety hazards from soil plugs and aeration holes

## NO IRRIGATION SYSTEM DAMAGE

MAINTAIN LARGE AREAS EFFICIENTLY



AVOID DELAYS OR RESCHEDULING FOLLOWING AERATION



### SOIL COMPARISON



UNTREATED SOIL

TREATED WITH C20™



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## TURF ROOT & SOIL PROFILE RESULTS

Soil particle aggregation allows water and air deeper into the soil.

### Field Study



**C20 Soil Builder Treated soils on the left are more porous allowing for increased water percolation and better turf root penetration through the top six inches of the soil. This provides a less compacted playing surface for field activities and reduces turfgrass recovery time between sports field use.**

The fields used for this study were provided by Westonka High School in Minnetrista, Minnesota. The fields had standing water at the beginning of the season prior to treatment application. After one treatment all playing surfaces remained well drained throughout the fall soccer and football seasons.



Result: **Increased Aeration!**

Result: **Vigorous Root System!**