



# MICROBIAL AERATION

THE PROVEN ALTERNATIVE TO MECHANICAL AERATION

## NO DAMAGE TO LAWN SURFACE

- No damage to sprinkler heads
- No messy plugs/continuous playability
- No need to mark irrigation heads

## HIGHLY EFFICIENT APPLICATION

- Used concurrently with other services
- Apply in spring, summer, or fall

## FAST & LONG LASTING RESULTS

- Restructures soil in three weeks
- Structural changes last up to nine months

## RELIEVES SOIL COMPACTION

- Increases water holding capacity
- Improves root proliferation

NO DAMAGE TO SPRINKLERS /  
NO MESSY PLUGS



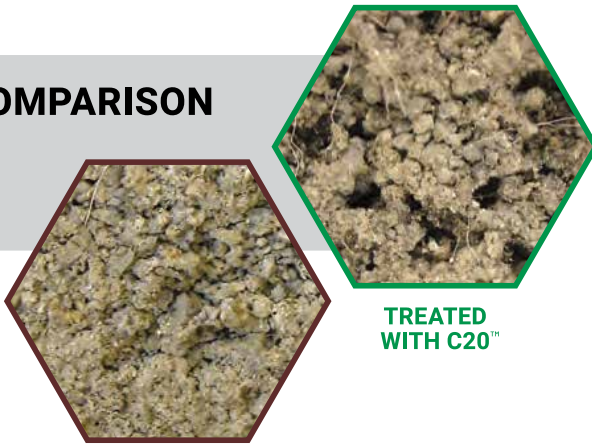
DIFFICULT TO TREAT SITES



HIGH TRAFFIC AREAS/  
CONTINUOUS PLAYABILITY



### SOIL COMPARISON



UNTREATED SOIL

TREATED  
WITH C20™



FOR VIDEO:  
scan code/[click here](#)  
[PrecisionOrganics.com](#)

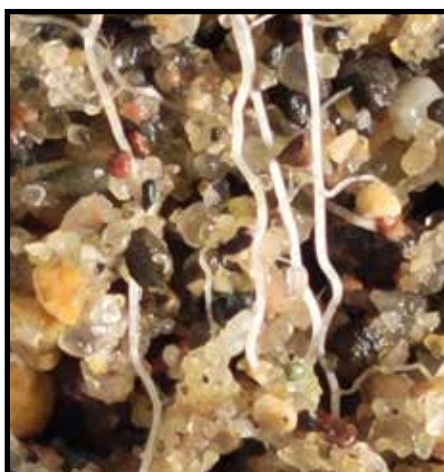
**FEED YOUR MICROBES**  
**MAKE THE TRANSITION TODAY**



**Fungi** **Bacteria**



**Treated with C20**



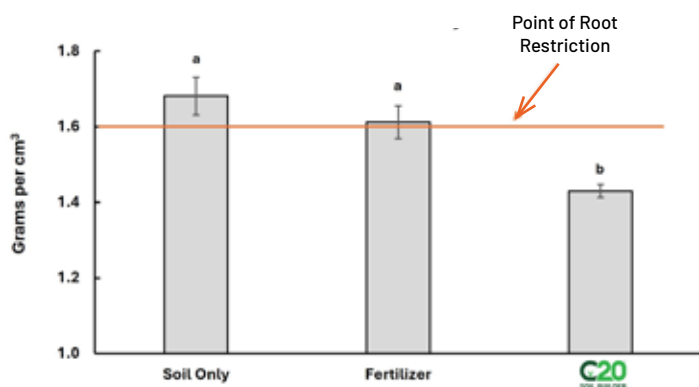
**Untreated**

## Soil Results

Field and lab studies of C20 demonstrate that increasing the microbial populations results in decompacted soils, creating pore spaces for water movement and root colonization - in just **3 weeks** after application!

## Lab Study #1

**Soil Bulk Density**

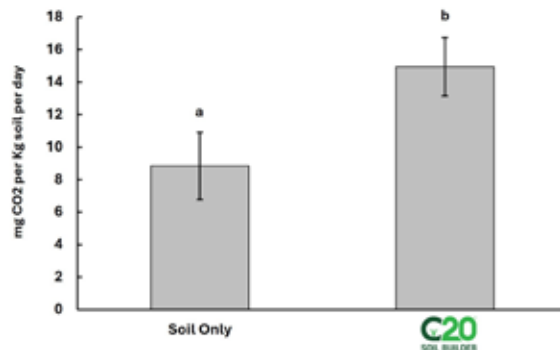


### Soil Bulk Density Decreased:

- Increased air and water vapor volume
- Reaggregation of compacted soil particles
- Deeper soils
- Deeper roots

## Lab Study #2

**Microbial Respiration Rate Day 214**



### 7 Months of Microbial Activity:

- Soil restructuring in first 3 weeks
- Structural soil changes last beyond 7 months
- Results in spring, summer, or fall - apply anytime

Result: **Soil Decompaction!**

Result: **Porous, Aerated Soils!**