

# BioAeration™



**BioAeration™** is a biological program designed to transform the soil profile, manage thatch, improve water efficiency and reduce mechanical aeration, with a single-tank spray.

*For best results, use with Nitro 22 and CalMag or Similar N, Ca & Mg Liquid Fertilizers*

## Residue WS

A unique blend of naturally occurring fungal and bacterial microorganisms, and sugar food source. These organisms work together to effectively break down tough plant residues such as thatch, black layering and leaves.

## AmplAphex

Powered by RegenAphex and a new Manufacturing Process, AmplAphex gives users the same great benefits of SP-1 Classic with the advantage of a convenient Low Use-Rate and Enhanced Microbial Performance to improve Biological Consistency and Amplify Performance. AmplAphex boosts root vigor, lessens soil compaction and optimizes nutrient & water use efficiency while also mitigating stress caused by various environmental conditions.

## RegenAphex™

TECHNOLOGY PLATFORM

Proprietary Plant Based Humus Extract that Creates an Ecosystem for Water, Nutrients and Microbes, building a symbiotic environment that is conducive to the exchange of essential nutrients, ultimately attaching them to the roots.

### Algae:

Green Manure which quickly breaks down and releases Nitrogen into soil becoming a Food Source for the Microbes as well as the Plant

### Plant Growth Promoting Rhizobacteria (PGPR):

PGPR's - Free-living bacteria that colonize the Rhizosphere, breaking down organic matter, fixing Nitrogen, solubilizing phosphorus and cycling nutrients to become more available for the plant.

### Fermented Plant Extract:

Diverse blend which improves microbial diversity and stabilizes overall formulation.

## BioAeration Program

### AmplAphex



1.0 qt/Acre  
0.75 oz/1,000 sf

### Residue WS



3.0 Dry oz/Acre  
2 Grams /1,000 sf

### CalMag



1 G/Acre  
3.0 oz/1,000 sf

### Nitro 22



1-2 G/Acre  
3-6 oz/1,000sf

# Golf Courses

Basking Ridge Country Club Basking Ridge, NJ

***"It's truly an aeration program from my spray tank"***

*- Craig Mencl, Superintendent*

Control



BioAeration™



# Sports/Recreational Fields

Grand Park Sports Campus- Westfield, IN

Core Aeration

BioAeration™



***"BioAeration gives the Turf Manager a great, non-invasive tool to reduce compaction."***

*-Ryan Fisher, Grounds Manager*

# Home Lawn Care

Residence - Westfield, IN

***"Lets just say that my neighbors are now BioAeration users"***

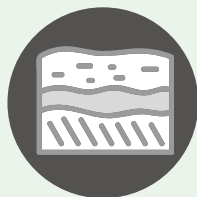
*- Home owner*

BioAeration™

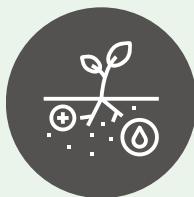
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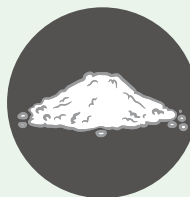
**REDUCES  
THATCH**



**REDUCES CORE  
AERATION**



**MAXIMIZES  
NUTRIENTS**



**TRANSFORMS  
SOIL**



**IMPROVES WATER  
EFFICIENCY**