

EssenAphex®

BIOSTIMULANT



EssenAphex is the latest innovative biostimulant that feeds beneficial soil microbes which improves soil health and plant growth.

Formulated for all types of soils, EssenAphex contains organic building blocks such as RegenAphex, gibberellic acid and proteins, components not found in typical N-P-K fertilizers.

More Sustainable – Regenerative Carbon • More Convenient Handling

BENEFITS

- Strengthens Microbial Population
- Improves Soil Health
- Promotes Root & Shoot Growth
- Relieves Plant Stress
- Enhances Nutrient Uptake
- Reduces Soil Compaction

PRODUCT BREAKDOWN

RegenAphex™

TECHNOLOGY PLATFORM

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.

Gibberellic Acid

Plant growth and development hormone

Kelp – Seaweed Extract

Provides nutrients to soil for plants supporting root formation

Sugars

Energy source for microbes

Fertilizer

Nitrogen, Potash & Iron to aid in root & plant growth and address nutrient deficiencies.

FEATURES

- Easy-to-use liquid formulation that doesn't stain or plug screens. Seamlessly integrates into Turf, Landscape, Tree Care, Nursery, Greenhouse & Hydroseeding applications.
- Enhances microbial populations which break down organic matter, captures nitrogen, solubilizes phosphorus, & cycles nutrients – ultimately making nutrients more available to the plant.
- Creates an environment for efficient water use and improves stress tolerance.
- Delivers readily available organic carbon to the soil.
- NOT TO BE USED ON FOOD CROPS

RATES

RATES	
Turf (per acre)	Trees (per 100 gal. water)
½ – 1 gal Biweekly/monthly	32–64 fl oz 3+/year


**STRENGTHENS
MICROBIAL
POPULATION**


**IMPROVES
SOIL
HEALTH**


**PROMOTES ROOT
& SHOOT
GROWTH**


**RELIEVES
PLANT
STRESS**


**ENHANCES
NUTRIENT
UPTAKE**

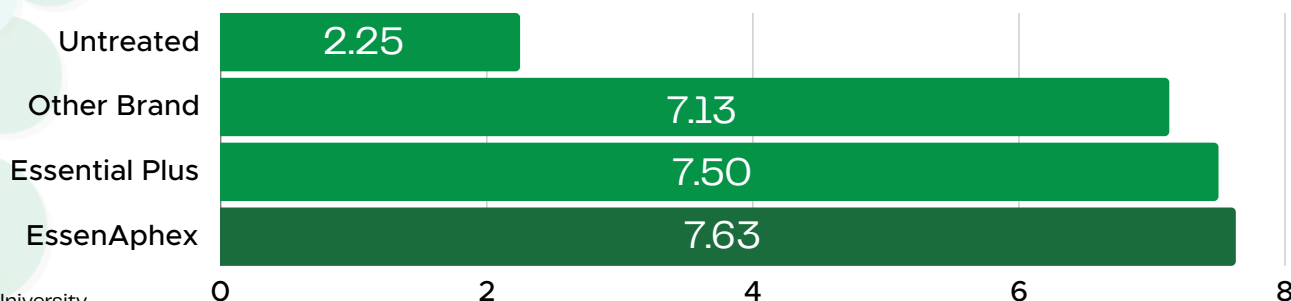

**REDUCES
SOIL
COMPACTION**

Golf Course Application



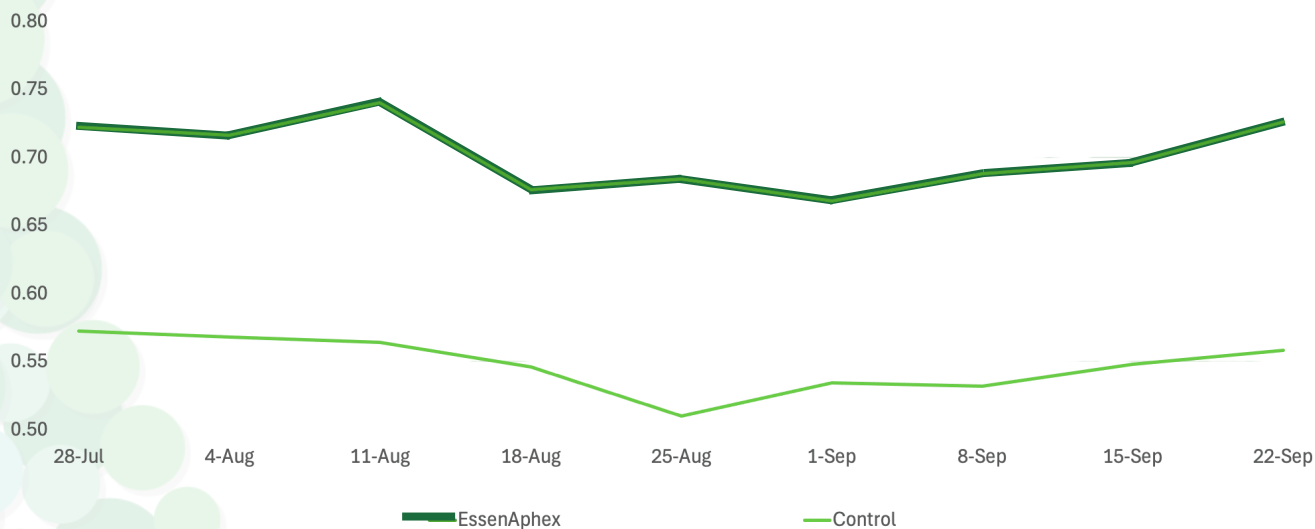
PUTTING GREEN TURF QUALITY

September 3, 2025



Rutgers University
First applications on May 29th, then every 14 days

DPH BIO Turf Trials EssenAphex Turf Quality (NDVI Index)



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