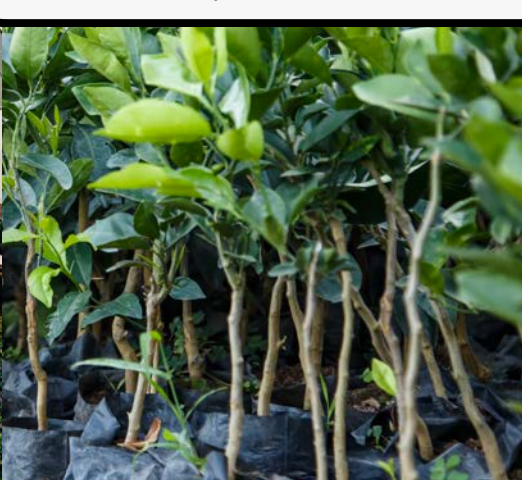


Turf & Ornamental Product Portfolio

For more than 30 years we have delivered value to the turf and ornamental markets.

Our proven portfolio of biological products have consistently delivered solutions to golf courses, landscapes, lawn care operations, tree care, nurseries and greenhouses.

www.dphbio.com/to



Essential® Plus

Essential Plus is a proven biostimulant that feeds beneficial soil microbes which improve soil health and plant growth. Formulated for all types of soils, Essential Plus contains organic building blocks such as proteins and humic acid, components not found in typical N-P-K fertilizers. These components additionally provide food for beneficial microbes which help alleviate soil compaction and replenish soils.



**ROOT
& SHOOT
GROWTH**



**RELIEVES
PLANT
STRESS**



**IMPROVES
SOIL
HEALTH**



**STRENGTHENS
MICROBIAL
POPULATION**



**ENHANCES
NUTRIENT
UPTAKE**

EssenAphex®

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

EssenAphex has similar or better performance than Essential Plus, in addition to be easier to handle/apply and is a more environmentally sustainable product due to RegenAphex, DPH Bio exclusive/proprietary 100% plant based compost humus, a carbon source with superior performance and more sustainable than humic acid

Companion® Maxx Technology

The Power of Bacillus

Companion® Maxx Biofungicide

Companion® Maxx Liquid Biological Fungicide is a broad spectrum biological fungicide for the prevention and control or suppression of many soil borne and foliar diseases. Companion® Maxx Liquid Biological Fungicide contains a plant growth rhizobacterium, that quickly establishes beneficial colonies on the plant's roots and leaves. It protects the roots from invading pathogens, stimulates healthier roots and improves nutrient uptake.



**IMPROVES
NUTRIENT UPTAKE**



**STIMULATES
HEALTHIER
GROWTH**



**ACTIVATES
IMMUNE
SYSTEM**



**CONTROLS ROOT
& FOLIAR DISEASE**

Companion® Maxx 2-0-1 BioFertilizer

Companion® Maxx 2-0-1 is one of our most popular turf and ornamental products; with a unique blend of organic nitrogen, seaweed, chelated iron and Bacillus subtilis – a powerful microbe proven to enhance nutrient uptake. These ingredients help deliver a thicker, greener and tougher turf from the roots up. Also, excellent as for bedding and ornamental plants.



**ENHANCES
NUTRIENT
AVAILABILITY**



**DEVELOPS
SHOOT GROWTH**



**STIMULATES
ROOT GROWTH**



**IMPROVES
PLANT
DEFENSES**

BioAeration™

These 2 products must be incorporated into scheduled fertilizer applications to work effectively.

- **Residue WS** is a unique blend of naturally occurring fungal and bacterial microorganisms, and sugar microbial food. These organisms work together to effectively break down tough plant residues such as thatch, black layering and leaves.
- **AmplAphex or SP-1** are stable liquid biofertilizers designed to transform and manufacture fertility in the soil, improving water efficiency and making nutrients more available. The products combine a biologically diverse group of microbes with **RegenAphex™** – a plant based humus extract carbon source – and algae.
 - **Proprietary Plant Based Humus Extract** improves the soil ecosystem affecting water, nutrients and microbes, building a symbiotic environment that is conducive to the exchange of essential nutrients for uptake.
 - **Plant Growth Promoting Rhizobacteria (PGPR):** Free-living bacteria that colonize the rhizosphere, breaking down organic matter, capturing nitrogen, solubilizing phosphorus and cycling nutrients to become more available for the plant.
 - **Algae:** Green manure which quickly breaks down and releases organic carbon into soil becoming a food source microbes as well as the plant.
 - **Fermented Plant Extract:** Diverse blend which impact microbial diversity and stabilize overall formulations.



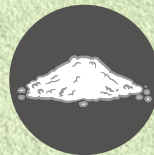
**REDUCES
THATCH**



**REDUCES CORE
AERATION**



**MAXIMIZES
NUTRIENTS**



**TRANSFORMS
SOIL**



**IMPROVES WATER
EFFICIENCY**



RootXCell is a unique biostimulant that includes IBA, Cytokins, mycorrhizae, Bacillus Amyloliquefaciens, and B Vitamins which together promote faster & improved root growth.



**STIMULATES
ROOT
GROWTH**



**ENHANCES
NUTRIENT
UPTAKE**



**INCREASES STRESS
TOLERANCE &
SURVIVAL RATES**

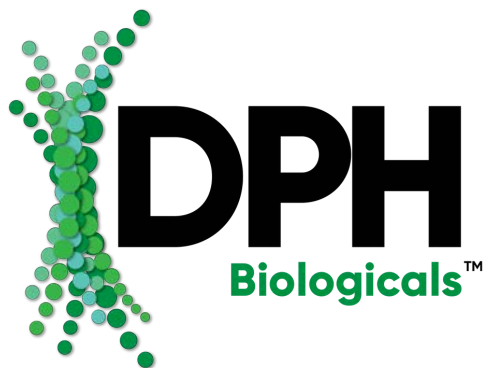


**DECREASES
TRANSPLANT
SHOCK**

Biological portfolio summary

Category	Product	Liquid / Dry	Key components	OMRI	Markets				
					Golf / Sports Turf	Lawns	Trees and landscape	Nurseries / Greenhouses	Food crops
Bio-Fungicides	Companion Maxx Liquid Biological Fungicide	Liquid	Bacillus Amyloli-quefaciens ENV 503		☑	☑	☑	☑	☑
	Bella Trove Companion Biological Fungicide WP	Dry	Bacillus Amyloli-quefaciens ENV 503	☑				☑	☑
Bio-Fertilizers	Companion Maxx 2-0-1	Liquid	Bacillus Subtilis		☑	☑	☑	☑	☑
	Bionutrients 7-0-5	Dry	Humic Acid + 5 bacillus		☑	☑	☑	☑	☑
	Bio-Aeration™	Residue WS	Dry	6 microbes	☑	☑	☑		☑
		SP-1	Liquid	RegenAphex* + 5 bacillus	☑	☑	☑	☑	☑
		AmplAphex	Liquid	RegenAphex* + 5 bacillus	☑	☑	☑	☑	☑
Bio-Stimulants	EssenAphex	Liquid	RegenAphex* + Humic Acid + G.Acid + Kelp		☑	☑	☑	☑	
	Essential	Liquid	Humic Acid + G.Acid + Kelp		☑	☑	☑	☑	
	RootXCell	Dry	IBA + Bacillus		☑	☑	☑	☑	

* **RegenAphex:** DPH Bio exclusive/proprietary 100% plant based compost humus, a carbon source with superior performance and more sustainable than humic acid



About DPH

DPH Biologicals aims to become the industry's most trusted biologicals provider. For more than three decades, we have delivered value to the row and specialty crop, turf and ornamental markets. With unique applicability across broad soil types and conditions, our proven portfolio of

Biologicals have consistently delivered solutions that help drive efficiency, performance and, ultimately, profitability.

We are committed to building upon the DPH Biologicals heritage to help meet the needs of a growing population and address global concerns of climate change, food security and clean water. For more information, visit www.dphbio.com.