



**INCREASES YIELD
& PRODUCTIVITY**



**IMPROVES SOIL
TILTH & STRUCTURE**



**ENHANCES
NUTRIENT UPTAKE
& AVAILABILITY**



**IMPROVES PLANT
ROOT VIGOR**



**INCREASES WATER
USE EFFICIENCY**

The Breakdown

RegenAphex™

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.



Product Description

The complete liquid biofertilizer comprised of a diverse community of microbes, plant-based humus extracts and algae, that work together to improve soil structure, make more nutrients available and ultimately increase yield.

Features

- Replace up to 50% of starter fertilizer when used in-furrow when planting.
- Easy-to-use liquid formulation seamlessly integrates into broad acre application practices, including broadcast, in-furrow, drip and fertigation.
- Enhances microbial populations which break down organic matter, captures nitrogen, solubilizes phosphorus, & cycles nutrients - ultimately making nutrients more available to the plant.



To learn more, visit www.dphbio.com or call 1.800.648.7626

Product Data



When TerraTrove SP-1 Classic is applied with starter fertilizer, growers have reliably replaced up to 50% of their starter fertilizer needs when planting, without sacrificing performance and in many cases improving crop yield and on-farm profitability.

SP-1

Control



Figure 1 –
In field comparison shared by GROWMARK FS - SP-1 supports healthier, more robust root systems

While SP-1 is not a PGR, the ingredients within SP-1 work together to produce Phytohormones such as Auxins, Gibberellins & Cytokinins that are known to:

- **Stimulate plant growth**
- **Lessen abiotic stresses**
- **Support reproductive processes**



Figure 2 –
SP-1 Trial performed by GROWMARK FS

- | | |
|---|--|
| Top: SP-1 | Bottom: Control |
| <ul style="list-style-type: none"> • Improved root mass & vigor • Improved soil tilth for increased nutrient availability | <ul style="list-style-type: none"> • Fragile root system • Compacted soil limiting nutrient uptake |



Figure 3 –
SP-1 Classic - How It Works

Application

SP-1 is well known for its work in the soil, but it is widely used as a foliar application. This versatile solution integrates seamlessly into your current operations whether it be in-furrow, drip, broadcast, or more!

** Consult your sales representative for more specific recommendations and proper application rates.