

TerraTrove™ SP-1 Classic™

The Complete BioFertilizer

Brought to you by:

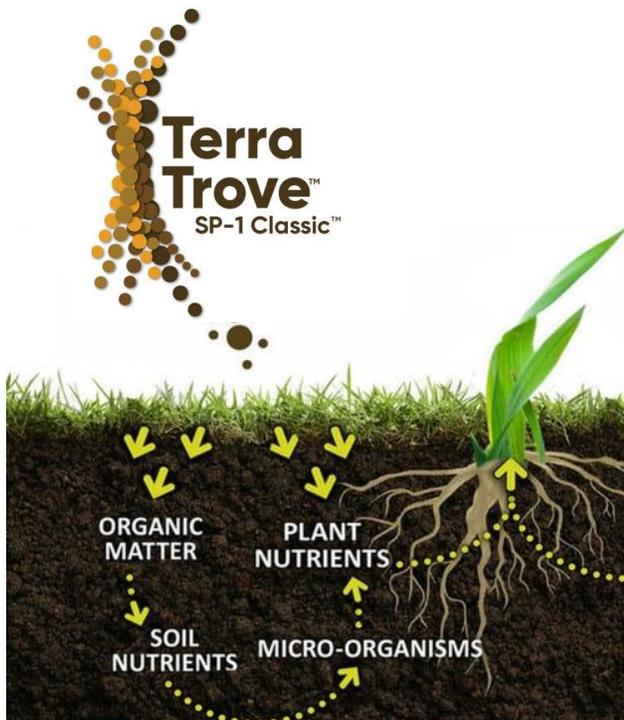


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TerraTrove™ SP-1 Classic™

What Is TerraTrove™ SP-1 Classic™?

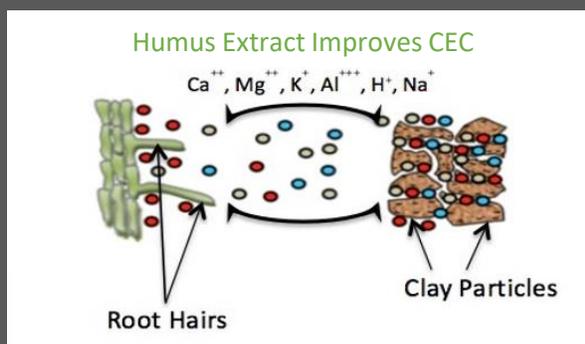
A liquid biofertilizer comprised of a diverse community of microbes, plant-based humus extracts and algae, that work together to improve soil structure, make more nutrients available and ultimately increase yield.



2. **Plant Growth Promoting Rhizobacteria (PGPR):** 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.



1. **Proprietary Plant-Based Humus Extract:** 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 for uptake.



3. **Algae:** Green manure which quickly breaks down and releases nitrogen into soil becoming a food source for the microbes as well as the plant.

4. **Fermented Plant Extract:** Diverse blend which impact microbial diversity and stabilize overall formulations.



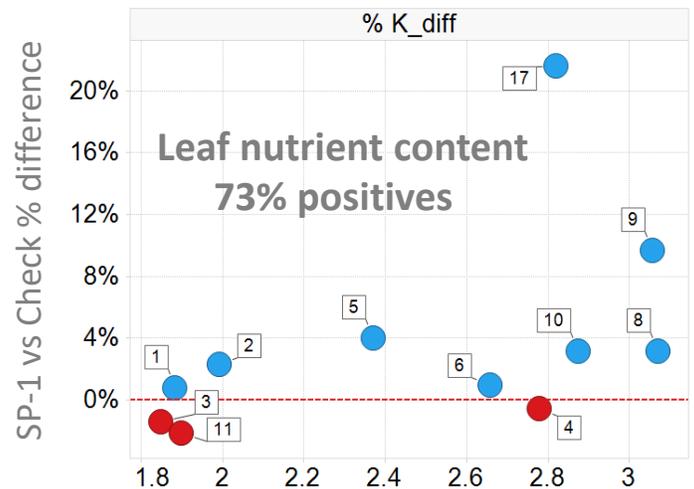
Soil Fertility Unleashed

SP-1 Classic™ Changes Soil Structure and Improves Soil Tilth



SP-1 Makes Nutrients More Available and Improves Nutrient Uptake

Supercharged ecosystem, significantly increasing microbial activity that breaks down organic matter, fixes nitrogen, solubilizes phosphorus and cycles nutrients– ultimately making nutrients more available to the plant.



SP-1 Improves Water Use Efficiency

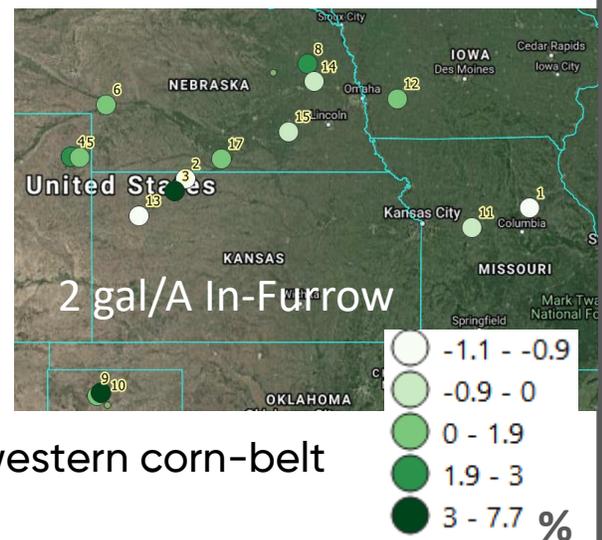
70% better aggregate stability as integrity remains intact in wet conditions, maintain pore space and channels allowing soils to drain quicker yet not dry out as fast. Up to 33% water savings realized in specialty crops.

SP-1 Increases Yield and Productivity

GROWMARK FS has been working with SP-1™ now SP-1 Classic™ in corn, soybeans, forages, potatoes, tomatoes, and other specialty crops for over 5 years.

- Over a three-year study, SP-1 averaged 7.6 bu/A more than the check when used In-Furrow @ 1.5 gal/A
- 80% win-rate in 220 + yield environments in western corn-belt

2021 AgriThORITY Corn Grower % Yield Increase vs. Grower Practice



The Results



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- Economic yield improvements in corn over 70% of time, along with superior quality, and better whole farm profitability.
 - 81% win rate when soil pH was 6 or higher
 - 80% win rate in high yield environments of +220 bu/A
- GROWMARK FS has had success with 1 gal/A in furrow + 1.5 gal/A foliar
- Specialty crops: 5-10 gal/A depending on crop. Drip irrigation preferred
- Potatoes: Up to 14 gal/A showing return on investment
- Up to 20% yield increase in potatoes
 - SP-1 changes soil structure and Improves soil tilth
 - Tilthy soils enable quicker harvest times and reduce handling and transport of dirt

To unleash your soil's fertility and maximize your crops' potential, ask your trusted retail partner about TerraTrove™ SP-1 Classic™ today.

www.dphbio.com 800.648.7626

