

SPECTRUM



Spectrum™ Soil amendment contains a multiple species blend of plant growth promoting rhizobacteria (PGPR) and other beneficial plant growth promoting microorganisms (PGPs).

PRODUCT FEATURES

- Category: Biological/Microbes
- Derived from: Live beneficial soil microbes of the following types and minimum numbers of colony forming units (CFUs) per gram

BENEFITS MICROBES

- Beneficial soil microbes can augment the natural organic processes that occur in healthy soils
- Beneficial soil microbes can break down and release vital nutrients stored in soil particles, making the nutrients more readily available to the plants in forms they can absorb
- Plant growth promoting microorganisms produce organic acids and amino acids, which dissolve and make available (chelate) mineral nutrients
- Spectrum™ assists and speeds nature in decomposition and recycling of organic matter into an important substance known as humus, building richer, healthier soil

FOR BEST RESULTS

- Spectrum is designed for subsurface application; however, it may be sprayed on ground surface if soil incorporation is done immediately
- May be applied to the soil by aerial spraying, ground sprayer, shanked in with fertilizer liquids, by furrow or flood irrigation, hand lines or center pivot sprinkler systems, or sprinkler or drip irrigation
- To Avoid Plugging: Premix in water before adding to spray tank
- Store below 80 degrees Do not freeze
- Keep out of direct sunlight

TECHNICAL SPECS	
Certifications	OMRI
Guaranteed Analysis	Arthobacterglobiformis 1X10 ⁵ Azospirillumbrasilense 1X10 ⁶ A. lipoferum 1X10 ⁵ Azotobacter chroococcum 1X10 ⁵ A. paspali 1X10 ⁴ A. vinelandii 1X10 ⁵ Bacillus amyloliquefaciens 1X10 ⁶ B. atropheus 1X10 ⁵ B. licheniformis 1X10 ⁵ B. megaterium 1X10 ⁵ B. pumilus 1X10 ⁴ B. subtilis 1X10 ⁵ B. thuringiensis 1X10 ⁵ Brevibacillus brevis 1X10 ⁶ Micrococcus luteus 1X10 ⁵ Pseudomonas fluorescens 1X10 ⁵ P. putida 1X10 ⁶ Rhodopseudomonas palustris 1X10 ⁴ Rhodospirillum rubrum 1X10 ⁴ Streptomyces griseus 1X10 ⁴
Form	Solid
Appearance	Powder
Available Variants	5 acres, 10 acres, 25 acres, 100 acres

SUGGESTED APPLICATION RATES

Label Rates	MIN	MID	MAX
Soil	25 grams/acre	50 grams/acre	100 grams/acre

