Mauget™

Revive – Micronized BioChar Suspension

Technical Data Summary

Product Function

Category	Description
Intended Use	Liquid soil amendment for spray, injection, and fertigation applications
Primary Function	Improves soil structure, nutrient retention, microbial activity, and water management
Application Compatibility	Spray equipment, soil injection systems, fertigation, tank-mix programs
Concentration	Highly concentrated; low use rates

Composition

Component	Description
Biochar Source	Activated biochar derived from intact Yellow Pine feedstock
Humate Source	Organic liquid humates
Formulation	Micronized biochar suspended in liquid humate
Certification	Biochar is IBI Certified

Physical & Chemical Properties

Property	Value
Particle Size	~5 microns (micronized)
Carbon Content	47.8%
pH	8.41
Hydrogen : Carbon Ratio (H:C)	0.76
Carbon : Nitrogen Ratio (C:N)	41
Biochar Stability	Stable carbon remaining in soil for 600+ years

Functional Characteristics

Feature	Benefit
Micronized Particle Size	Will not damage spray or injection equipment
High Surface Area	Improves nutrient adsorption and water retention
Humate Surfactant	Enhances nutrient movement and availability
Soil Aggregation	Naturally aerates soil and reduces compaction
Carbon Sequestration	Builds long-term soil carbon and reduces carbon footprint
Contaminant Binding	Helps remediate heavy metals, petroleum residues, and excess salts

Typical Nutrient Analysis (Organic, NG)

Nutrient	Concentration
Total Phosphorus (P)	11,378 mg/kg
Total Potassium (K)	128,993 mg/kg

Iron (Fe)	4,038 mg/kg
Manganese (Mn)	419 mg/kg
Sodium (Na)	8,479 mg/kg
Magnesium (Mg)	588.6 mg/kg
Calcium (Ca)	322.8 mg/kg
Zinc (Zn)	48.7 mg/kg

Trace nutrients are naturally occurring and derived from humic materials.

Summary Statement (Optional Footer)

Revive® is a concentrated micronized biochar suspension designed to integrate seamlessly into existing fertilizer and soil management programs, delivering long-term soil improvement with minimal material input.