

## VITAL Blend 5M<sup>®</sup> Liquid Soil Amendment

### Purpose:

- Formulated for liquid spray applications
- 5 Micron-size will not damage spray equipment
- Promotes healthy soil microbiology at the roots
- Chelates minerals and is an organic surfactant.
- Reduces fertilizer and nutrient leaching
- Improves WHC and soil water percolation
- Naturally aerates soil (reduces compaction)
- Remediate contaminants such as heavy metals, petroleum, and excess salts.
- Sequesters carbon & reduces carbon footprint

General Information	
Composition	Activated wood biochar, liquid humate
Particle Size	5 micron-sized
Carbon Content	47.8%
pH	8.41
Hydrogen:Carbon Ratio	(H:C) .76
Carbon:Nitrogen Ratio	(C:N) 41

Both the Biochar and Humate are OMRI Listed. The Biochar is also IBI Certified and USDA BioPreferred.



TYPICAL ANALYSIS	
Organic (Org-N)	11,378 mg/kg
Total Phosphorous (P)	650 mg/kg
Total Potassium (K)	128,993 mg/kg
Iron (Fe)	4038 mg/kg
Manganese (Mn)	419 mg/kg
Sodium (Na)	8479 mg/kg
Magnesium (Mg)	58.6 mg/kg
Calcium (Ca)	322.8 mg/kg
Zinc (Zn)	48.7 mg/kg



### Application

**FOR DIRECT APPLICATIONS:** mix concentrate with an appropriate amount of water

TURF RATES: 4-12 oz conc/1000 sf

TREE RATES: 1-6 oz conc/inch-dbh

LANDSCAPE BED and GARDEN RATES: 4-6 oz conc/500 sf

LANDSCAPE PLANT RATES (i.e.: shrub or rose): 1-4 oz conc/plant

GARDEN PLANT RATES (i.e.: tomato or annual): .25-2 oz conc/plant

**FOR ADDING TO A TANK MIX:** Blend 2–10 oz conc per gallon of diluted fertilizer or other mix and apply at manufacturer's recommended rates

**FOR AGRICULTURE RATES:** Broadcast and In-furrow applications, 1-10 oz conc per 1000 sf (44-440 oz conc per acre)

Applications - drench, soil inject, or broadcast (foliar) - should occur 1-6 times/year.

Please contact the office for more specific application details.



Available sizes: 250 gal Tote,  
2.5 gal, 1 gal, .5 gal containers

