



SOIL BIOLOGY PRODUCTS

TREE & SHRUBS | TURF | GARDENS | AGRICULTURE



Distributed By: Nature's Pro, LLC ~ Montgomeryville, PA 18936
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Ultimately. . . It's All About The Biology

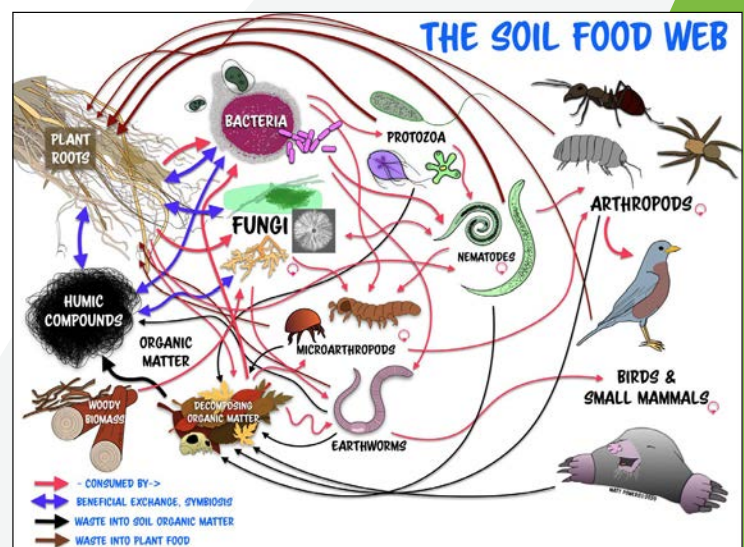
In the same way that plants can only be as healthy as the soil in which they grow, soil can only be as healthy and productive as the critical biological communities residing within the soil.

Occasionally, during construction or natural disasters, valuable, high quality soil may be lost. However, the majority of soil damage arises as an unintended outcome of using materials that limit, diminish or even destroy essential soil biology. When critical micro-organisms are absent from the soil (or not functioning), the soil is essentially sterile, making it impossible to achieve healthy plant growth or maintain a sustainable soil profile.

Brewed Compost Tea is one method of restoring these essential biological communities and Nature's Pro™ makes the top rated brewing system on the market, however, there are trade-offs that must be considered. There are 3-4 truly positive benefits of using compost tea, but twice that many drawbacks that must be considered to make an informed decision. We would be happy to review the entire brewing process with you individually . . . just contact our office.

Bio-Soil Connect is one of the alternatives to brewed tea. It has soluble humates and kelp extract combined with beneficial bacteria. It can be added to your application tank after pre-mixing to assure maximum dissolution, but does not require any additional aeration, specific pumps or plumbing. For optimal results it is recommended that the mixture be used within 24 hours.

Bio-Soil Critters is a second alternative with many of the same characteristics as Bio-Soil Connect in regards to mixing and applying. However, Bio-Soil Critters has a more robust biological content including several strains of mycorrhizae and nitrogen-fixing bacteria.



Important Information To Help Soil Biology Thrive

Remember, bacteria, fungi, Protozoa and all of the other "critters" in the soil are living, breathing systems. Yes, they're microscopic, but just like you, they can only exist in an environment suited to their needs like having moisture, food sources and air. (This one is often over-looked.) Therefore, if biology is lacking in a soil it might be the result of hard, compacted soil (less air and moisture), improper pH level, high salts or chlorides or toxic residues from various chemical applications. Without understanding and addressing these issues, just adding more biology may only yield temporary benefits at best.

Prescription Soil Analysis can provide a more accurate picture of your soil using their unique, 19-point, nutrient-availability test which includes a detailed report and recommendations based on your specific soil type and plant species. This report is also the basis for creating a **Soil Health Care** program to literally "fix" the soil. By taking this more comprehensive, but natural and common sense approach to PHC, the soil profile will become what the plant(s) want as well as the soil biology. A Win - Win - Win for everyone and moving forward, the re-energized biological community will help sustain the desired soil profile. Humates is a term used to identify natural carbon-based materials which contain humic, fulvic, ulmic and other organic acids critical for plant growth and health. Leonardite is another term often used to label these deposits.



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Manufactured in USA for:

Nature's Pro LLC
Montgomeryville, PA 18936
(800) 645-6464
www.NaturesPro.com
In partnership with Organic Approach

CONTAINER _____ lbs.

Bio-Soil Connect

Bio-Soil Connect is a balanced mixture of soluble humates and seaweed extract combined with beneficial bacteria and plant vitamins which act as a biological food substrate for use with all types of plants growing in all types of soils. It works to "connect" biological systems with chemical and physiological processes within the soil.

DO NOT STORE IN DIRECT SUNLIGHT - KEEP OUT OF REACH OF CHILDREN

We suggest pre-mixing the powder with water in a separate container before adding it to the final spray tank to ensure maximum dissolution, especially in cold water.

RECOMMENDED DILUTION & APPLICATION RATES

Turf (treats 1 acre)

Bio-Soil Connect	Volume of Water	Frequency
2 pounds	100 gallons	2-3 times per season
3 pounds	150 gallons	once per season

Trees

Bio-Soil Connect	Volume of Water	Frequency
2 pounds	100 gallons	(1) gal/hole - (2) holes/DBH twice per season
3 pounds	150 gallons	(1) gal/hole - (4) holes/DBH once per season

Shrubs

Refer to our website at www.naturespro.com.

Check Website for More Mixing & Application Options

REV 0225



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In partnership with Quest Products

CONTAINER _____ lbs.

Bio-Soil Critters

Bio-Soil Critters is a unique blend of humic and fulvic acids containing more than 130 beneficial bacteria and fungi, including several strains of mycorrhizae as well as several nitrogen-fixing bacteria.

A water-soluble granule, Bio-Soil Critters will stimulate plant growth, convert nutrients into plant available food sources, recover nitrogen from the atmosphere, and generally create a sustainable soil environment for each specific plant species.

Once added to most fertilizers or soil conditioning products, the mixture must be used within 24 hours. However, it will continue to work throughout the soil all season long, especially if a Soil Health Care program was implemented to help create the correct soil profile enabling these microscopic miracle workers to sustain themselves.

APPLICATION RATES

	Dilution Rate	Coverage	Frequency
Turf	1 oz./3-4 gal.	1,000 sq.ft	4-6 weeks
Shrubs	1/2 oz./gal.	1/2 gal./ hole	Shrub Height Chart ¹
Trees	3 lbs./100 gal. ^{2,3}	5 gal./1" DBH ³	Once per season ⁴
Agriculture	1-3 lbs./ 50 gal	50 gal./ acre	Planting then 30/60/90 days

1 - Refer to the Tree & Shrub Tri-fold for the Shrub Height Chart.

2 - If applying with Bio-Tree & Shrub add 3 lbs./200 gal.

3 - If using Nature's Pro Target Zone method use 6 lbs./100 gal but only 1 gal./DBH.

4 - Feed every year if in poor health or under stress. Every 2nd or 3rd year for routine maintenance.

REV 0225

HUMATES

What Are They and Where Do They Come From?

Humates are the result of the complete decomposition of plant materials, greatly concentrated and compressed over centuries of time.

Since humates are derived from plant material, they provide a rich storehouse of energy and contains most everything the plants and soil needs to be healthy, including nutrients, enzymes, minerals, bio-stimulants, amino acids and essential compounds to support soil microbes and mycorrhizae.

In addition to all of these critical components, it is the high carbon content which might be the most important. Carbon literally supplies the energy to power the photosynthetic process, as well as other physiological processes within each plant. This explains why soils rich in organic matter are known to grow and sustain better plants which are also healthier and less costly to maintain.

There are leonardite deposits located throughout the world but there can be significant differences between them which can make some deposits much more valuable for plant use than others. Nature's Pro only uses sources from dry, mountainous regions of North America which employ vertical mining techniques rather than strip mining to ensure the end product has a consistent quality.



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Mined & Packaged in the USA for:

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Montgomeryville, PA 18936
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CONTAINER _____ lbs.

Bio-Soil Boost

ANALYSIS

Nitrogen (N).....	0.82 %
Calcium (Ca).....	0.67 %
Sulfur (S).....	0.51 %
Magnesium (Mg)	0.15 %
Iron (Fe)	0.28 %
Humic Acid.....	78.92 %
Total Carbon.....	22 %±

KEEP OUT OF REACH OF CHILDREN

**May be harmful if swallowed.
Store in a cool, dry location.**

Nutrient Sources:

Leonardite Humic Shale

SOIL TESTING

Applied at a rate of 12.5 lbs or 25 lbs per 1000 sq. ft. one or more times per year based on soil test results and recommendations.

TURE

General Maintenance - Apply 17 lbs. per 1000 sq. ft. in Early Spring. Repeat every 2 months during 1st and 2nd growing season. Reduce to 12.5 lbs. for season 3 and thereafter.

New Seeding - Rototill 50 lbs. per 1000 sq. ft. into top 4-8". Apply 17 lbs. per 1000 sq. ft. 4 weeks after seeding, then follow general maintenance program.

Renovation - Apply 17 lbs. per 1000 sq. ft. at time of seeding. Repeat after 4 weeks.

TREES/SHRUBS

General - Used to relieve soil compaction and/or add organic matter to the soil per recommendations provided by soil testing.

RECOMMENDED USES

REV 0225

REV 0326