



## Products of Soil Secrets LLC

**Organic Designation and Standards:** If Organic and Sustainable products are important to you, then Soil Secrets can meet your needs. There are very few products available in retail nurseries that can be used on an 'Organic Certified Farm'. Labeling a product 'Organic' does not clear or qualify that product for use on an organic certified farm. The word organic may be stating that the ingredients were derived from organic material, such as leaves, alfalfa or manures, but does not approve its use on a Organic Certified farm! The products of Soil Secrets LLC meet the benchmark of the USDA's NOP (National Organic Program) and can be used on your property if your certified organic.

**Earth Magic<sup>®</sup>** is the retail name for this product while **TerraPro<sup>®</sup>** is the commercial name. The objective of this product is to fortify the soil with Humus (the Humic Acids) and Mycorrhizal spores. These are the two weak links for having a healthy soil and a sustainable and healthy landscape or farm. The science is clear that most plants and most landscapes including desert plants need a significant level of Humic Acids in the soil as it is this substance that defines if you have soil or just dirt. Top-soil is a horizon of soil that is rich in Humic Acids and according to research Humic Acids are essential for a healthy and productive soil (*Journal of Chemical Education December 2001 Soils Sustain Life*). **Earth Magic & TerraPro** is a unique concentrated humus that contains a broad spectrum of beneficial mycorrhizae fungi and soil enzymes. A current analysis by a certified lab can be provided that can verify the percentage of Humic Acids as well as all other related data. Research has proven that Mycorrhizal products can make any landscape dramatically more drought tolerant and the plants healthier, as it's the mycorrhizae that do most of the hard work of finding water and minerals in the soil and provide those factors to the plants of your landscape. Many research abstracts can also be provided to support these benefits. Mycorrhizae help your landscape plants endure the stresses of the environment such as heat, drought, dehydration and poor soils and they are also critical and essential for the long term soil building process to occur. Currently (as of 2009) over 70,000 papers of research have been published in journals of science that support the claims of improved drought tolerance, improved nutrient uptake, improved tolerance of disease, increase in crop yields and improved health of landscapes.

Earth Magic and TerraPro are packed with a broad spectrum of mycorrhizal spores that will benefit the majority of plants used in farming and in landscapes!

### Soil Secrets LLC.

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Almost without exception both Humus and Mycorrhizae are either missing or are weak in most manmade landscapes, therefore supplementing these two factors is beneficial and important.

We are confident when we say there is no better product on the market than Earth Magic & TerraPro if soil improvement is your goal as nothing can change the chemical, physical and biological condition of a soil better or faster than Humic Acids and Mycorrhizae!

**Ag Grade TerraPro®** Sold only in bulk in 1-ton increments or larger to farmers and contractors. Using the highest percentage Humic Acid material possible, a high grade Humate ore, the objective of this product is to load the soil with Humic Acids. Unlike our commercial TerraPro, this product does not contain a mycorrhizal inoculant, but has been treated with our blend of Soil Enzymes to help liberate the Humic Acids from the Humate material. Humic acids are super molecules of soil that chelate the plant nutrients called cations and help to make those nutrients available to plants. Humic acids also improve the tilth, porosity, drainage and health of soils. Nothing else in nature or in science can do what Humic acids can do!

*All the products of Soil Secrets are designed to support and complement the use of our Humus products - Earth Magic and TerraPro. Together these products will help develop and sustain a healthy 'Soil Food Web' Here are some more products of Soil Secrets LLC.*

**Compost Broth New for 2010** By the end of 2009 we expect to have completed our research and development of this new product, a super concentrated liquid broth of our **TTP Supreme Compost**. The product has been tested for any potential plant and soil pathogens, making sure it's safe for farm application and it will also comply with the new **Leafy Green Agreements** that will soon be required of many commercial farms in the United States. Compost Broth is not compost tea as it contains an exponentially higher percentage of dissolved compost than the typical compost tea. While it contains the indigenous microbes of the TTP Supreme Compost it was made from, it is not promoted as a microbial inoculant. It is a super clean, pathogen free liquid nutrient product that can be injected into irrigation systems or foliar sprayed onto landscapes and crops.

**Protein Crumbles®** Nature's best source of nutritional calories for feeding the soil. Derived from selected vegetable proteins grown for Soil Secrets and blended for the best ratios of amino acids, this product is the only product in the industry made with these amino acid ratios. Soil Microorganisms are part of the Soil Food Web and Protein Crumbles has the highest protein efficiency ratio possible for feeding these microorganisms which will in turn help provide the best nutritional support for the Soil Food Web, which is how nature keeps a landscape healthy. **This product is a catalyst for Earth Magic/TerraPro and both products need to be used together for best results.**

**TTP Supreme Compost®** Most compost products on the market are made from an ever changing source of materials creating a consistency and quality control

**problem.** Our compost contains 100% wholesome ingredients that were farm grown for the objective of making this compost with an exact recipe every time, allowing us to provide you with the purest and best compost you will ever find! In order to avoid soil pathogens, human and plant diseases we never use city bio-solids (human waste), yard waste, or animal manures. **This is nutrient dense heavy compost that needs to be used sparingly as a little goes a long way.** TTP Supreme Compost has repeatedly tested at 8.6% Humic acids content, which is very high for compost. A full assay of tests showing maturity, stability, Humic acids, organic matter, nitrogen, major and minor nutrients, and carbon to nitrogen ratio is available upon request by emailing us at soilsecrets@aol.com

**Earth Ambrosia<sup>®</sup>** is a liquid of organic matter, of a colloidal nature including the Humic Acids. Organic colloids are decomposed organic substances broken down to their smallest part providing a cation exchange capacity, providing colloids that can coat soil particles and help prevent the nutrients of fertilizers (and decomposing organic matter) from leaching. Liquid's always move into the soil faster than a dry material which is why we provide humus in this form. It is designed to be used as a spot treatment when faster results are needed, but for optimum amounts of Humic Acid the dry humus products of Earth Magic and TerraPro can contribute more technical material per dollar spent and therefore are the products of choice for larger areas.

**Earth Nectar<sup>®</sup>** **A super drink for the soil!** There's no question about it, microbes rule, as they run all the major chemical cycles on earth by making the enzymes that serve as the chemical catalysts. This product is a broad spectrum of soil based enzymes made by microbes. This product also contains TTP Supreme Compost, whole kelp, humus, and plant extracts, each dissolved into a rich nectar for the soil. Earth Nectar and Earth Ambrosia can be blended together in equal amounts and sprayed onto the soil using 1 gallon of each for every 1000 square feet for best results.

**Earth Worm Castings<sup>®</sup>** **Nature's soil elixir that enormously benefits plant and soil life!** A natural source of soil wealth including many indigenous microorganisms, enzymes and much more. You can never use too much Worm Castings to build a better garden. If you're dealing with a sick plant, or a precious plant that you want to be extra careful about fertilizing, worm castings are your answer. With low nutrient levels and a low salt index, it's almost impossible to hurt a plant by over using worm castings!

**Mycorrhizal Products** For farming application, mine reclamation, erosion control and forestry plantings, Soil Secrets can provide pure mycorrhizal spores. Both Endo and Ecto type mycorrhizae are available.

**For more information and a source of purchase:**

**Soil Secrets LLC, 505 550-3246, email: soilsecrets@aol.com**