

Our Marquis Product Since 1996



Above and Beyond Organics™

Increase the Health & Fertility of your Soils and Crops

What is MicroSoil®? MicroSoil® is a formulation of natural occurring soil microorganisms combined with natural enzymes, polysaccharides and polypeptides. Its intended use is to assist in the growth of its nitrogen fixing microorganisms and all other beneficial and “native soil microorganisms,” to enhance and optimize the decomposition of animal and plant residues, and to enhance organic matter in the soils. It is totally natural, safe and non-toxic. MicroSoil® is not a fertilizer or a replacement for fertilizer or any soil element, macronutrient or micronutrient. It is a microbial, non-plant food product, a unique and perfectly balanced Synergistic Catalyst developed to holistically enhance the dynamics of Nature’s processes and rhythms.

Results you can expect when using MicroSoil®.

- * Increase quality and quantity of crop yield – up to 30%
- * Reduce use of chemical fertilizers 25% to 50% in first year
- * Reduce fertilizer costs by 25% to 40%
- * Build Massive Root Systems
- * Increase Profits for Growers
- * Increase organic matter & soil fertility
- * Help to balance pH factor of the soil
- * Optimize maturation of crops
- * Increase BRIX (Nutrient Uptake Values)
- * Increase number of blossoms
- * Lush green foliage = Elevated photosynthesis



MicroSoil®



Control



MicroSoil® is safe and healthy for the environment.

One of the greatest by-products of using MicroSoil® is that it benefits our entire ecosystem and environment. The use of MicroSoil® helps to build dynamic soil systems which do not contaminate our natural resources, the air, water and soils, as does the overuse of synthetic chemical fertilizers and pesticides. MicroSoil® consists only of 100% natural occurring materials. It is completely safe and poses absolutely no harm to the farmer, his family, pets, wildlife or the environment. **GMO & PGR Free**

CCOF Approved for Growing Organic Products in USA, Canada and Mexico.

www.microsoil.com



MicroSoil® Ingredients

MicroSoil®

Ingredients: By weight: 93.7% H₂O solution with a proprietary blend of enzymes, 6.3% non-pathogenic soil microorganisms including Azotobacter and Clostridium and a proprietary blend of natural occurring nutrients, natural polysaccharides and polypeptides, plus PureFulvic™ Trace Minerals & Elements.

Manufactured ONLY with natural occurring ingredients which are USDA Food Grade Approved, environmentally friendly, non-hazardous, non-toxic and 100% safe for all living plant and animal life. GMO Free and No PGR's

MicroSoil®

A concentrated blend of beneficial soil microorganisms
and natural occurring ingredients including
PureFulvic™ Trace Minerals & Elements for
natural/sustainable agriculture applications worldwide.

MicroSoil® is a nitrogen fixing, microbial formula combined with 100% natural nutrients, enzymes, polysaccharides and polypeptides. Its intended use is to assist the growth of nitrogen fixing microorganisms and beneficial "native soil microorganisms," to enhance and optimize the decomposition process of animal and plant residues and aid in the building process of organic matter in the soil. It is totally natural, safe and non-toxic.



SYNERGISTIC CATALYSTS & NUTRIENTS



HYDROPONICS and AEROPONICS
Ideal for Greenhouses & Foliar Applications



Used in controlled high impact
environments where optimum
HEALTH, GROWTH and QUALITY
CROP YIELDS are required.
1 Liter

Macrofoliage™

A CLEAN/GREEN Technology

A highly concentrated blend of stabilized Synergistic Catalysts and Nutrients
for Hydroponic/Aeroponic/Greenhouse & Foliar applications

NON-BACTERIAL

• **Macrofoliage™ Formula** – This unique concentrated formula is a combination of MicroSoil® 100% natural nutrient package, up to 74 **EuroFolap™** Trade Mineral Elements and a customized blend of food grade, natural occurring nutrients, amino acids, and enzymes. **Macrofoliage™** is **GMO FREE**.

• **Macrofoliage™ Electrical Conductivity** – Our proprietary stabilization process, select ingredients, and the exceptionally high concentration of nutrient values (16 plus mg/l or EC 16.0+ or CF 160+) makes **Macrofoliage™** very cost effective for heavy users in large agriculture and horticulture operations.

• **Macrofoliage™ International Classification** – A bio-product, which is non-toxic and non-hazardous, safe for humans to handle, environmentally friendly, and can be used in any plant environment with absolute confidence.

• **Macrofoliage™** is NOT a fertilizer.

APPLICATION INSTRUCTIONS

Hydroponics and Aeroponics: Apply in accordance with required EC in the Nutrient Solutions or use at a dilution rate of (2) two ppm in ALL water solutions (daily water and all new water being added into the systems).

Greenhouses: For initial pre-treatment application of growing mediums, mix (1) one liter with 200 liters of water to treat (1) one hectare (2 1/2 acres) or (1) one ounce per 3,200 sq. ft. As a foliar in greenhouses, mix (1) one part **Macrofoliage™** with 600 parts of water. Use at rate of 1/2 liter per hectare (2 1/2 acres) or (1) one ounce per 3,200 sq. ft. bi-weekly or weekly as a foliar.

Foliar: Dilute (1) one part **Macrofoliage™** with 600 parts of water before using as a foliar. Use at rate of (1/2) liter per hectare (2 1/2 acres). Apply once per month or as needed to stimulate growth. **Macrofoliage™** can also be sprayed on crops (1) one week before and (1) one week after flowering to enhance crop yields. Application rates of up to (1) one liter per hectare (2 1/2 acres) may be necessary in poorer growing mediums and environments.

• It is recommended that **Macrofoliage™** be used with MicroSoil® to enhance root development where required. Simply mix 3 parts **Macrofoliage™** with 1 part MicroSoil®, dilute and apply as noted above.

MIX WELL BEFORE DILUTING

Manufactured by **Scenoculus Global, Inc.**
4894 W. Lone Mountain Rd #191, Las Vegas, Nevada 89130 U.S.A.
1-702-645-1380
Website: www.microrocell.com



Fresh Wash™ for **Fruits & Vegetables**

Reduces Food Loss and Extends the Shelf Life of all Produce

PUREFULVIC™ TRACE MINERALS

Perfectly balanced by nature in a super enriched pristine environment, suspended in time and undisturbed for over 30 Million Years.



TRIPLE RICH™

MicroSoil® MacroFoliage™ PureFulvic™ Trace Minerals

All Natural ~ Multi-purpose Formula

Enriches nutrient values in
food crops & enhances plant growth
Increases BRIX

100% Safe for People, Plants & Pets

♦ Non-toxic ♦ Non-hazardous ♦

13% Non-Leachable Nitrogen

(derived from GRAS Approved amino acids)

EC 15.0 +

ENRICH™ N48

*48% Natural/Organic readily available Nitrogen
derived from a proprietary blend of
natural occurring amino acids, enzymes,
co-enzymes, sugars and proteins*

Non-Leachable ~ GMO FREE

100% Safe for People, Plants & Pets

♦ Non-toxic ♦ Non-hazardous ♦

Our EnRich™ N48 formula contains
48% readily available, Natural Occurring
(Organic) Nitrogen derived from our blend
of highly concentrated and stabilized
broad based Amino Acid complex.

EnRich™ N48 is a (non-leachable)
form of Nitrogen with an

EC of 15.0 +

BIOTECH/AGRIZYMES™
MPX-923



A multi-enzyme based product. BIOTECH/AGRIZYMES™ has been designed to meet the needs of a water sensitive agro-environment. Applications range from home to industrial i.e. oil (petroleum hydrocarbon) clean up, water treatment, sewage cleanup, agriculture inoculations, compost acceleration, reduces odors, and many other uses. BIOTECH / AGRIZYMES™ serves as the catalyst for increasing soil bacterial activity and micro-organism growth that digest fertilizers and minerals in the soil and makes them readily available to roots for assimilation.

“The Solution and the Very Best Answer”
is our
PureFulvic™ Trace Minerals & Elements

**Perfectly balanced by nature in a super enriched pristine environment,
suspended in time and undisturbed for over 30 Million Years.**

NATURE'S PREREQUISITE FOR HEALTH OF ALL LIVING THINGS

“The building blocks of life for the soils, plants, humans and our animal friends.”



Why are **PureFulvic™ Trace Minerals & Elements** unsurpassed as a mineral and element supplement? Because of their origin! It has been estimated that our shale is most likely Lower Oligocene (28 to 34 million years old). There are three formations which represent a sequence of advances and retreats of the sea that created new shorelines. It is along one of these ancient shorelines that rare deposits of humic shale, abundantly rich in minerals, trace elements and fulvic acids occur. **Trace mineral concentrations are higher in land/sea deposits and the ratios of one element to another are more balanced. This is one of the primary reasons why PureFulvic™ Trace Minerals & Elements are so**

unique.

PureFulvic™ Trace Minerals & Elements are rich in colloidal plant derived iron, but not the type of iron found in flesh foods or ground water. In fact children and women suffer frequently from iron deficiency. Studies indicate that children who are iron deficient in their early years may develop learning disabilities later on. Diets high in sucrose, fats, junk food and chemicals require an increase in colloidal plant derived iron and all other trace elements. Plants contain iron and calcium as predominate elements, not sulfur or chloride! If a plant contains true "plant derived colloids" then colloidal iron must be present in generous quantities for it to fully meet that criteria.

As you can see **PureFulvic™ Trace Minerals & Elements** are extracted from a very rare form of humic shale. It is the presence of these land and sea plant minerals and their ratios to one another that make **PureFulvic™ Trace Minerals & Elements** superior in content and quality! **PureFulvic™ Trace Minerals & Elements** are closer in mineral composition and ratios to human body fluids than any other naturally occurring trace minerals product.

PureFulvic™ Trace Minerals & Elements are processed by using **only fresh water as a leaching agent**, producing over 74 trace minerals and element concentrations in excess of 250,000 mg/l or 25% total dissolved solids. These concentrations are only possible due to the rare and unique nature of our humic shale. The smaller the colloidal particles, in humic shale, the greater are the concentration of trace minerals and elements in the final product. The smaller the colloids, the greater are the electrical potential and surface area available for the interaction with water – also known as a “hydrophilic mineral”. By leaching humic shale with low temperature water it becomes possible to reactivate fulvic acid fractions and disperse the ionic and colloidal minerals in the resulting liquid. It is the fulvic acid that helps maintain the electrical charge so vital to the health of living cells.



“The Problem and Concern”

A CLASSIC EXAMPLE OF THE NATURAL LAW OF CAUSE AND EFFECT WHICH AFFECTS THE HEALTH EVERY LIVING THING ON THIS EARTH



The trace mineral and element content in our foods varies tremendously from location to location, farm to farm and from those grown in the past compared to today. About sixty years ago, a Rutgers University professor studied the mineral content of certain vegetables and found a tremendous range of difference from one sample to another.

Some tomatoes had 2,000 times more iron in them than others. The difference was the soil where these tomatoes were grown. Vegetables absorb the numerous available elements and trace minerals, which are present in healthy growing mediums. When grown in conditions where soils have high organic matter with a balanced macronutrient and micronutrient content, crop Brix and

nutrient values are much higher and healthier. However, because plants themselves really do not need all of the elements to grow, they still may look good but they can be very deficient in nutritional value.

All living things, man, animals, and plants require over 90 trace minerals and elements to be present in order to maintain a healthy life. Yet, most of these vital minerals and elements are completely missing in the fruits and vegetables we consume every day. In 1963, when the US Department of Agriculture studied the element "iron" to see how much of it was in various fruits and vegetables grown in different locations, the figures showed the average amount of iron in various vegetables had dropped by 80% in the short time from 1948 when the Rutgers study was done.

Nutrient poor soils result in diseased and unhealthy plant and human cells. Any soil used to grow any crop for more than about five to ten years has lost many important trace minerals originally in the soil. It is 100% impossible for synthetic chemical fertilizers to replace trace minerals and elements routinely utilized by the plants generating crops. Why use fertilizers? Farm managers discovered that plants will and do grow without having to be concerned with all the micronutrients and trace elements. By only using chemical fertilizers which generally consist of just NPK (Nitrogen, Phosphorous, Potassium) Calcium, Magnesium, and Sulphur, they still can grow large and profitable crops, however crop nutrient values are very low and totally inadequate to maintain proper soil health, let alone be healthy for human and animal consumption.

Chemists originally believed that the plant did not need all of the trace materials and elements, and that it was a waste of time, money, and effort to reincorporate them back into the soils to replace those taken out by the earlier crops. Today, we know better, as researchers are now realizing that they all are critical and many even claim that every disease can be traced directly back to the deficiency of a specific trace mineral and/or element. The very best foods you are able to buy today, which may be grown under the "finest" organic conditions, simply do not have most of the vital trace minerals and elements that were so prevalent just 100 years ago. Many of today's organically grown fruits and vegetables are mineral deficient.

“Organic Certified” does not mean or guarantee a mineral enriched food; therefore, people must supplement their diets with a comprehensive and quality nutrient mineral product such as PureFulvic™ Trace Minerals & Elements.

Please always remember, that that most fresh tomatoes or any other fruit or vegetable being sold in our grocery stores, are primarily fed a consistent diet of commercial synthetic chemical fertilizers, which consist of about five or six nutrients. This is the bare minimum needed to just to grow the trees and plants, but not the 90 or so necessary to properly nourish human, animal and plant cells! However, **MicroSoil®'s** Nutrient Packages are all-inclusive alternatives to these artificial chemical fertilizers, because they provide all of the naturally occurring nutrients required for optimum plant growth and the enrichment of all food crops while, at the same time, balancing soil energy, which is the foundation for soil health and a productive, profitable agricultural ecology.

“The Future in Golf Course Maintenance”

MicroSoil®’s PristineGreen™

**Soil Life Enriching Fertilization Programs
for more vibrant & eco-friendly Golf Courses**



Tee Boxes



Fairways



Greens

Products designed to ensure beautiful yet vibrant golfing environments.

TRIPLEGREEN™ MicroSoil®Green™ Pristine Green™

The products above were developed specifically and tailor made for Golf Course & Grass/Turf management based on over 18 years of experience working in developing countries with very poor soil and water conditions. Most golf courses are built on poor and less expensive lands that cannot be used for much else, therefore maintaining a beautiful lush green course is a constant up hill and ongoing battle, plus fertilization and water costs annually increase drastically, therefore making it even more difficult to maintain a professional golf course for members and the public.

We resolve most of these issues with our PristineGreen™ Products and Maintenance Programs for growing healthy and vibrant grasses. Our products and methods are synergistic with the irrefutable principles, processes and rhythms Nature has used since the beginning of time.

All of our products can be used interchangeably.