

MicroSoil® TailorMade™ Fertilization Program

A Worldwide Trend for Healthier, more Vibrant Plants

Fruits, Vegetables, Avocado, Sugarcane, Grains, Grapes, Flowers, Orchards, Grasses, Herbs & Spices, Tomatoes, Hydroponics, Greenhouses, Landscaping, Corn, Soy Beans, Pecans, Melons, Peanuts, Composting, Bio-Fuels, House Plants, Golf Courses, etc.



Reduce Chemical Fertilizers & Elevate Crop Production

Soils all over the world are unique, each with various nutrient compositions and grown with various crops, therefore, Biomasters Global, Inc. has amassed its knowledge, experience and expertise to bring into the 21st Century a customized farming method that is specific to each farm and the specific crop being grown. Our MicroSoil® TailorMade™ Fertilization Program is designed and customized specifically for each grower's soil and crop. This protocol is based on a laboratory soil analysis test of all macro-nutrients, micro-nutrients, Ph, CEC and Base Saturation, plus a completed Fertilizer Questionnaire to determine current water & fertilizer application rates and practices. Once these factors are known, we review the data, evaluate the nutrient needs of crops to be grown on referenced soils, and then provide our recommendations utilizing our proven products & programs in conjunction with other locally available organic and inorganic materials. All of our materials and methods are strictly in accord with Nature's natural processes and rhythms which have stood the test of time since the beginning of life on this planet. MicroSoil®'s proven products worldwide since 1996.

Benefits & Results of MicroSoil®'s TailorMade™ Fertilization Programs

- * Increased quality and quantity of crop yield – up to 30%
- * 25% to 50% reduction in use of chemical fertilizers in first year
- * Reduced fertilizer costs by 25% to 40%
- * Builds massive root structures & systems
- * Accelerated plant growth
- * Increased organic matter & soil fertility
- * Helps to balance the pH factor of the soil
- * Optimizes maturation of crops
- * Increased BRIX (Nutrient uptake values)
- * Increased number of blossoms
- * Increases aroma in flowers & in crop blossoms
- * Lusher & greener foliage indicating elevated photosynthesis
- * Larger & thicker leaves
- * Increased profits for grower



Biomasters Global, Inc.



Step by Step Instructions for using the MicroSoil[®] TailorMade[™] Fertilization Program

Step #1. Is current fertilizer program: A. a 100% chemical fertilizer program, or B. a partial chemical fertilizer program, or C. a 100% natural/organic materials program?

Step #2. If A, B or C, we will need a soil analysis. Please refer to our FREE Soil Analysis Offer. Copies of the results of your soil analysis will be emailed both to you and to Biomasters Global.

Step #3. Complete, IN DETAIL our Fertilizer Questionnaire, and return to Biomasters Global as per instructions.

Step #4. Once we receive all the above information, we will evaluate it, preferably with you via phone. Our recommendations for using our products will be based solely on information provided in the 3 steps above. A Biomasters Global written protocol of these recommendations will also be sent to the grower, if requested.

The biggest mistake most chemical oriented growers and new agriculture personnel make when using our MicroSoil[®] products is: Thinking they can use it like a chemical fertilizer, i.e., just apply so much per acre on a corn crop and a different amount on wheat, another amount on alfalfa, another amount on trees etc. Or they just add our products on top of their chemicals, which cancels out everything we are trying to do. So if growers insist on using our products this way, you can expect some failures. I can guarantee it, as our products are not designed to be used this way, so if optimum results are desired, use our proven protocols, which have been used worldwide since 1996. (See EXCEPTION BELOW)

Our protocols are SOLELY based on the current conditions of your soils and how they are being managed. Therefore, we will review all of the information from the laboratory soil analysis, which basically gives us the current macro-nutrient and micro-nutrient content in a graph form, CEC, base saturation, Ph, and the Fertilizer Questionnaire, which gives the grower's current fertilizing program and watering program. We can ONLY then develop a protocol specific to that soil's needs from information in the soil analysis and the Fertilizer Questionnaire.

OUR #1 CONCERN IS TO ALWAYS ESTABLISH A BALANCE OF ALL NUTRIENTS IN THE SOIL, for the soil is where all the energy is stored that the roots and plants need in order to flourish and bear abundant healthy crops. The poorer your soils are, the poorer your crops are and vice-versa ... the healthier your soils are, the healthier and more abundant your crops. It's not rocket science.

EXCEPTION: Our EnRich[™] N48 and MacroFoliage[®] products have been used in strictly chemical fertilizer application and conditions with very favorable results, however, we cannot, to date, substantiate or support these claims. In principle, they are compatible and should be effective, but to date verifiable test results are simply not yet available.

All of our MicroSoil[®] Agriculture Products work extremely with smaller amounts of chemical fertilizers, however, we at Biomasters Global will always recommend that a totally natural/organic approach is far superior.

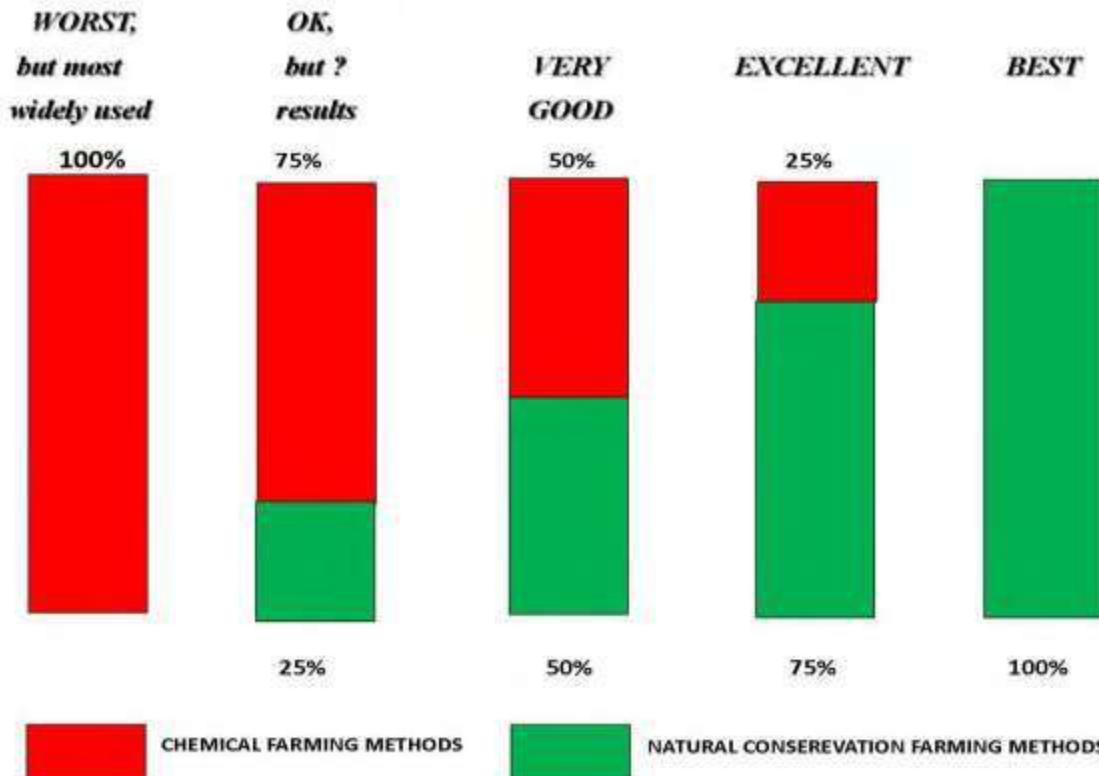


The MicroSoil[®] TailorMade[™] Fertilization Programs

Soils all over the world are unique with various nutrient compositions, deficiencies and needs, along with same requirements for the various crops being grown in these soils. Since 1996, Biomasters Global has used this premise as the basic principle for providing MicroSoil[®] protocols to farmers and growers for enhancing and increasing crop production, reducing fertilizer costs, and elevating the nutrient content and quality of food crops all over the world. As a result of our successful experience since 1996 and expertise of being able to provide products and protocols for growers, (from 100% organic to 50% chemical and anywhere in between) we are now well positioned to bring into the 21st century a customized farming method that is designed to resolve any deficiencies and/or requirements of each farm's soils and to supply any specific needs of the crop being grown.

A truly MicroSoil[®] TailorMade[™] Fertilization Program. These protocols are based on a laboratory soil analysis test of all macro-nutrients, micro-nutrients, Ph, CEC and Base Saturation, plus a completed Fertilizer Questionnaire to determine current water & fertilizer application rates and practices. Once these factors are known, we will review the data, evaluate the nutrient needs of the crop to be grown on referenced soils, and then we will provide our recommendations utilizing our proven protocols & products in conjunction with other locally available organic and sometimes lesser amounts of inorganic materials. These materials and methods are done strictly in accord with Nature's natural processes and rhythms which have stood the test of time since the beginning of life on this planet.

CHEMICAL FARMING METHODS VS NATURAL CONSERVATION FARMING METHODS



These Guiding Principles have determined our Concepts and Mission since 1996:

Balance and Order, the First Law of the Universe

“The Mineral Theory” or “Liebig’s Law of the Minimum”

Formulated in 1847 by Dr. Justus von Liebig

“The crops on a field diminish or increase in exact proportion to the diminution or increase of the mineral substance conveyed to it in manure.”

(Manure in this sense is anything applied to the soil to serve as plant nutrient.)

Liebig’s Law stresses the value of mineral elements derived from the soil in plant nutrition and the necessity of replacing them to maintain soil fertility.



Liebig's "Law of the Minimum"

The yield potential of a crop is like a barrel with staves of unequal length.

The capacity of the barrel is limited by the length of the shortest stave (in this case, nitrogen) and can only be increased by lengthening that stave.

When that stave is lengthened, another one becomes the limiting factor.

The Fertilizer Hand Book, 1982, Chapter 1 crop (page 5)

MicroSoil®

BACKYARD & BOX GARDENS

BEFORE



AFTER



VARIOUS APPLICATION METHODS



WATER SPRINKLING APPLICATIONS



APPLICATORS

Professional Backpack Sprayers



425 / 475

- The flagship sprayers of the Solo line.
- Designed with professional features throughout.
- The number one choice of landscapers in the USA.



YARD BUTLER IRRIGATOR



Green Root Irrigator

HOZON INJECTOR

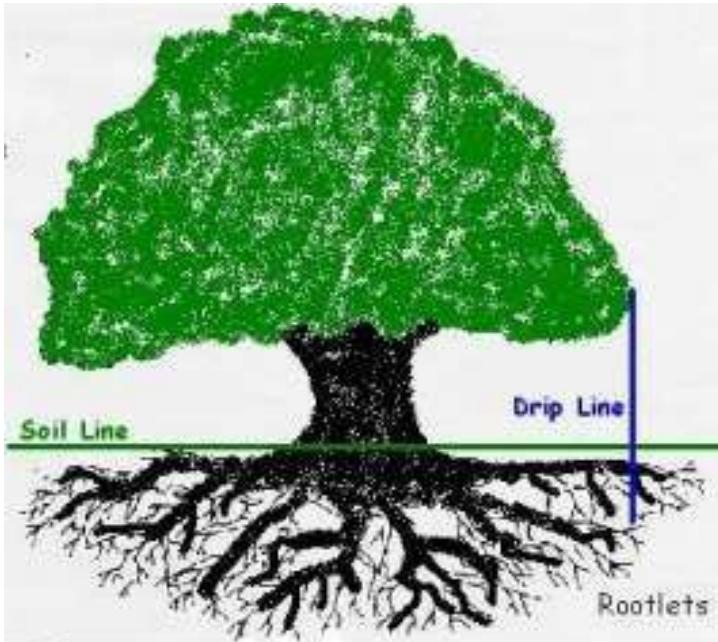


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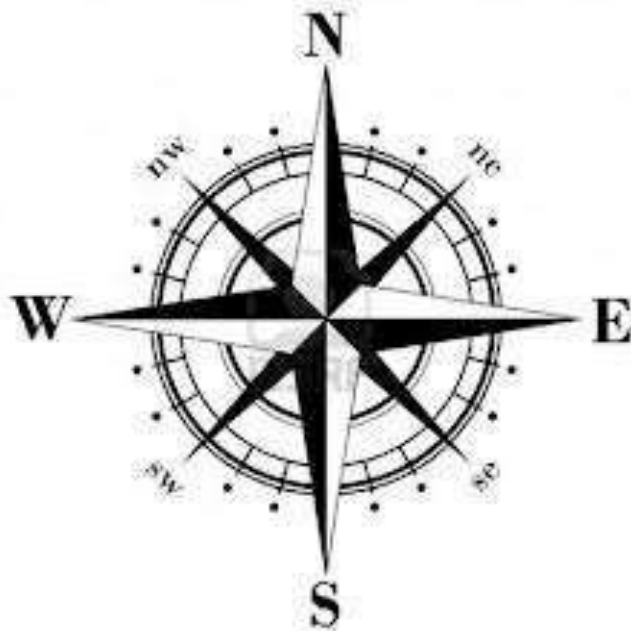
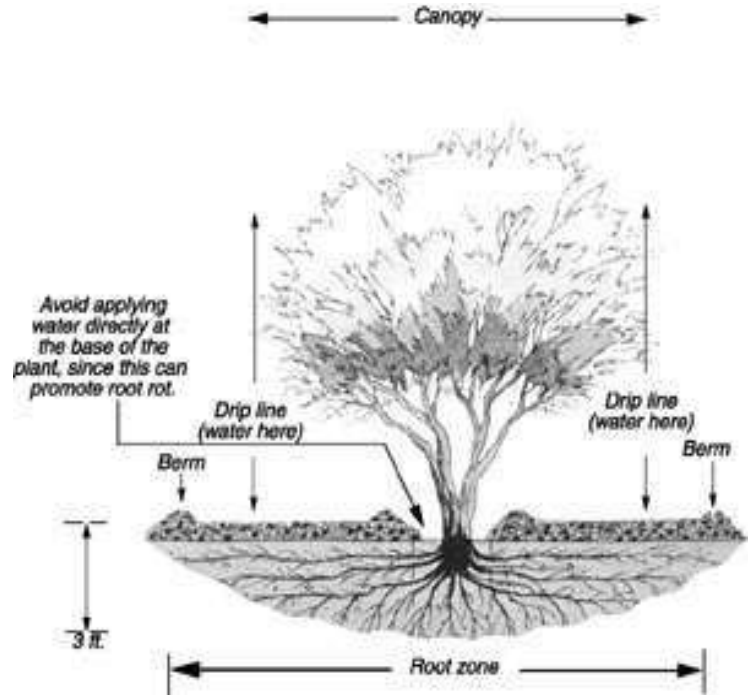
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Injecting MicroSoil[®] Agriculture Products into Tree Root Zones

ALWAYS use our products in the water that reaches the root biomass.



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Controlled Environment Farming

MOST EFFICIENT APPLICATION METHOD
CONTROLLED WATER & NUTRIENT INPUTS



MOST INEFFICIENT APPLICATION METHOD
Flood Irrigation



Agriculture Application Sprayers



Generally you can reduce your synthetic chemical nitrogen inputs by 30% to 50% even in the first year and expect to get a 15% to 30% increase in crop production along with higher quality fruits that have higher BRIX and nutrient content, thus increasing your potential for receiving more financial compensation at the market.

