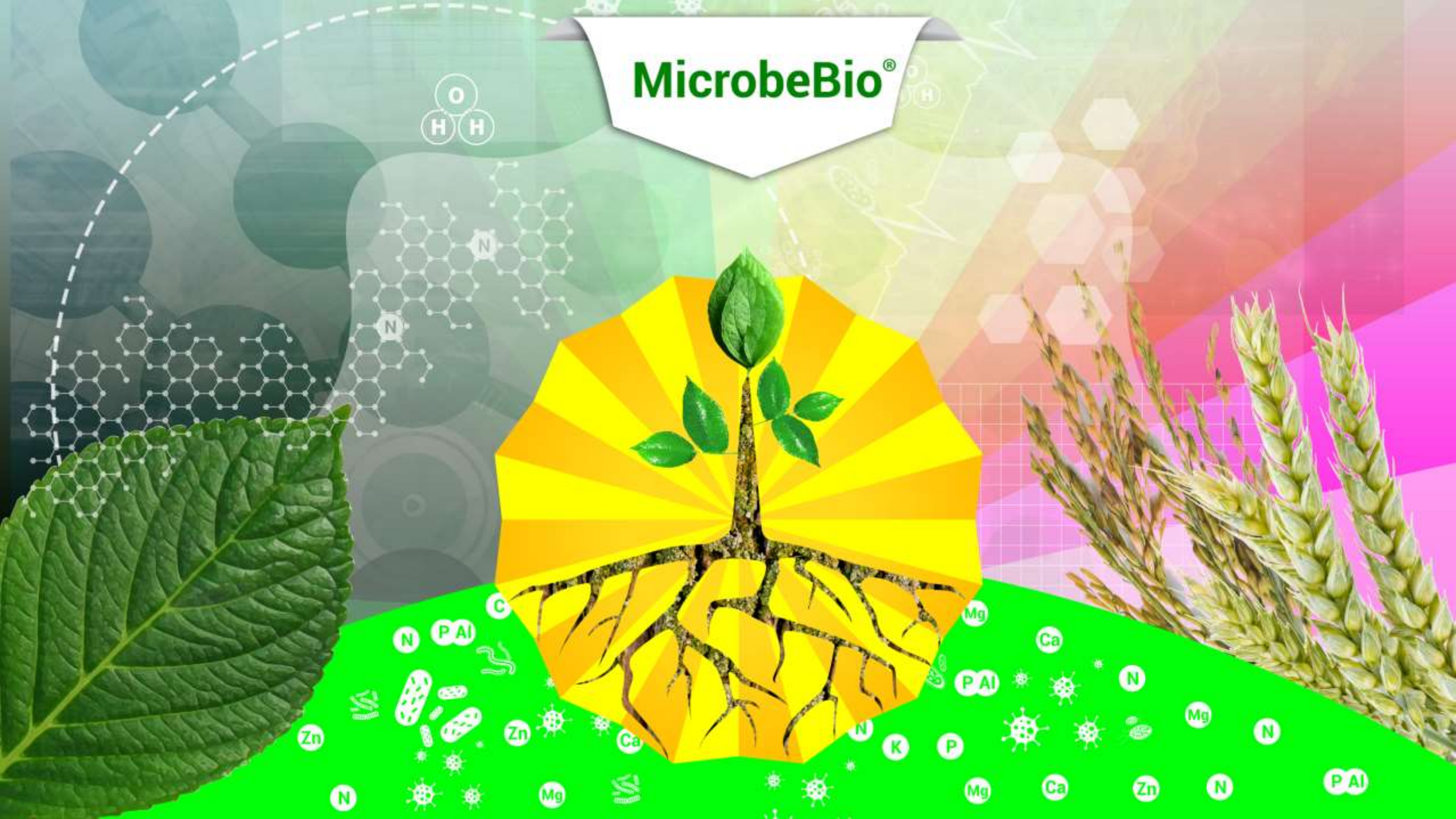
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The Natural Solution for Agriculture Improvement

MicrobeBio has developed powerful new and natural technologies that will positively impact the agriculture industry. All of our products use microbes, which are single-celled organisms so tiny that millions of them can be fit into the eye of a needle. They are the oldest form of life on Earth and without them we could not eat or breathe. Within every square foot of soil there exists a unique bio-environment that contains millions of beneficial and non-beneficial microbes, fungi, bacteria, and other soil organisms. In balanced soils, these microorganisms coexist naturally. However, through overuse of traditional NPK fertilizers, fungicides, herbicides, and other harmful chemicals, these microorganisms are not able to function properly. In addition, this overuse has caused chemical resistant strains of diseases and inhibited soil nutrient performance. Conventional approaches to restoring damaged soils use chemicals to reverse the chemical damage. This counter-productivity obviously makes the problem worse, causing more damage to the soil and plants. When microbial products were finally introduced to traditional farming practices, it was found that most of these products were not strong enough and provided only a limited number of microbes to the soil.

At MicrobeBio, we have made huge advancements in these areas and have developed a proprietary formula which contains 35-plus different types of microbes, from a variety of natural environments; deserts, jungles, mountains, valleys, oceans, etc. These diverse microbes are strong enough to alter indigenous farmlands for optimum performance and benefits. By naturally amending the soils, controlling minerals and salts in the soil and water, MicrobeBio customers are finally able to consistently produce larger, healthier, and better-tasting crops, all while using less water and drastically reducing the need for NPK or other chemical fertilizers. Farmers want environmental solutions to create and maintain a thriving eco-system that promotes healthy and sustained plant growth.

All of the research that we perform, and all of the products we make, rely on one core fact: MicrobeBio believes if we can develop products to enhance agricultural practices naturally and in a non-destructive way. The result is better nutrition, greater yields, healthier plants, all of this done more efficiently for a cleaner planet.

Every day, the dedicated team of scientists at MicrobeBio are creating natural products that will benefit the health and welfare of planet earth. We provide cost effective tools to restore soils, create nutritional and microbial balance, increase disease management, and provide an advanced platform for optimal nutrient delivery, whether by foliar or soil applications.

MicrobeBio® Brings New Solutions to Modern Agriculture

Carefully chosen for their valuable, natural ability to help plants thrive, MicrobeBio is a superior blend of highly compatible microbes that regenerate dying or dead soil, making it fertile once again. More affordable than nitrogen-based fertilizers, MicrobeBio is fully organic. As the health of the world demands a massive reduction in chemical input, MicrobeBio is the product of the future, and the solution that will make organic, self-sustainable farming a reality.

Free of GMOs, chemicals and hormones, our products are completely non-toxic and safe for people, livestock and the planet. It makes conventional, unsustainable farming obsolete, and does away with harsh, overused chemicals that, over time, destroy the soil and the environment. With MicrobeBio, nutrient runoff and soil erosion are significantly reduced.

MicrobeBio® is Profitable for Users

You'll be glad to know that one of the main benefits of using MicrobeBio is simply this; increased profits due to increased, healthier crop yields. If your soil quality is very poor, MicrobeBio makes the difference between vibrant, healthy soil and healthy plants, and soil that's completely drained of any nutritional value. In short, no matter your soil condition, MicrobeBio will improve it considerably.

Another excellent reason to use MicrobeBio, besides being eco-friendly, our products actually *increase the value of the soil* wherever they are used. The amazing, specially selected microbes in MicrobeBio help heal the soil, and in turn deliver better results with any type of farming practices. In addition, our products improve water-retention capacity and increases chelating processes to prevent runoff, both of which result in stronger, more sustainable organic soil mass.

Nitrogen Fixation and MicrobeBio®

One of the most essential and life-giving processes on earth is nitrogen fixation, a natural occurrence in plants that supports all of the life on our planet. Proper nitrogen fixation effects the ability to achieve sustainable agriculture, as well as our environment, energy production, and most importantly nutrition.

The most sought after microbes are those that can ‘fix’ nitrogen in the presence of oxygen, something that a mid-century process can achieve but, unfortunately, with wildly inefficient results. MicrobeBio has created the best combination of microbes, to fix nitrogen naturally, which will decrease overall energy usage remarkably.

Preventing the breakdown of anaerobic soil, and the breakdown of nitrate into nitrous oxide, is paramount to human survival. Nitrous oxide is an extremely harmful greenhouse gas that’s 300X more damaging than carbon dioxide.

MicrobeBio naturally prevents these deadly, damaging chemicals from occurring, thus allowing the agricultural industry to stop relying on chemical-based fertilizers and instead farm organically, and sustainably.

Carbon Sequestration and MicrobeBio®

With the potential to greatly reduce the amount of CO_2 that enters into our atmosphere from human-made sources, carbon sequestration is vitally important. The actual term means to collect CO_2 from the atmosphere or from the aforementioned human sources, which are usually stationary (i.e. power plants and refineries).

MicrobeBio significantly increases the organic carbon in the soil for optimal results. In fact, our products can increase carbon input from 30 – 60%.

Another benefit is that carbon sequestration rates are higher when using microbial fertilizer such as MicrobeBio due to both the high population and diversity of the microbe strains it produces and its natural aerobic environment.

Even more, plants grown in microbial fertilizer absorb more CO2 and carbohydrates, and have a bigger root biomass, which allows their crop residue to deliver even more carbon.

This extensive microbial life then assimilates a variety of sequestered carbon forms, storing them in the soil for later use. Mineralization then begins as the carbon and/or organic matter levels increase, transitioning these various carbon sources into fertilizers like nitrate nitrogen that plants can more easily uptake.

By using MicrobeBio products, farmers may significantly increase Soil Organic Carbon (SOC) in less than 6 months, which would normally take 10 years.

Right now there is no other way to increase soil microbes on this scale or magnitude.

MicrobeBio® and Desalination

MicrobeBio offers a new treatment which can greatly reduce sodium and heavy metals in soil and waste water. This process is as important as adding healthy microbes to the soil.

MicrobeBio® Harnesses the Power of Nature – Naturally

Microbial communities in the soil are what truly make a difference for plant health. When beneficial microbes are abundant and doing their job, root systems are stronger allowing plants to grow bigger, which in turn results in healthier, larger crops, naturally. More importantly, when the soil is microbially diverse and healthy, the need for chemicals to fertilize crops and control pests is reduced dramatically.

Microbes perform a wide variety of tasks in the soil, all of which help plants in one way or another. For example, some enable plants to better tolerate extreme fluctuations in temperature, while others help to control the spread of bacteria and viruses. Some microbes help improve resistance to drought and pests, while others increase a plant's ability to absorb necessary nutrients. Some microbes even break-down other elements in the soil, allowing their vitamins and minerals to be more easily absorbed by crops.

The simple fact is this; microbes have been helping plants to thrive since the very dawn of time itself here on earth. Scientists have even discovered that some microbes help other microbes to do their job, ultimately leading to healthier, more nutritious plants.

MicrobeBio® - Leading The Green Revolution!

MicrobeBio products have six functions. With 35-plus microorganisms in a humic acid base, each of these functions are enhanced exponentially. The microbial strains perform the same function in differing environments, not just for temperature, but also for oxygen and lack of oxygen, with and without water, and high and low pH.

This isn't the first time that scientists have looked to microbes as a source for help in the agricultural industry. The truth is, there are millions of microorganisms in every cup of soil and, since about the mid-20th century, scientists have been looking closely at them to determine what their use could be in increasing crop health and yields.

At the MicrobeBio laboratory, we are doing just that. Led by top industry researchers, we aim to catalog the wide range of microbes and microbial life on the planet, as well as determine all of the complex relationships between microbes and plants.

The 6 Functions of MicrobeBio® Microbial Soil Amendments

Biological Nitrogen Fixation – the process of assimilating atmospheric nitrogen into organic compounds, especially by microorganisms.

Phosphate Solubilization – the process of solubilizing bound phosphate in the soil and making it available for uptake by plants.

Mobilization and Mineralization – the process of mobilizing and mineralization of soil nutrients such as salt, phosphate, magnesium, and calcium into a form that is easily used by the plant.

Phytohormone Production – the process of using carbon sequestration to increase healthy plant hormones.

Saprophytic Competence – saprophytes live on dead or decomposing matter. They help the microbes in MicrobeBio products to compete with native soil microbes, allowing them to better perform their intended functions.

Soil pH – MicrobeBio products promote optimal soil pH under extreme environmental conditions.

MicrobeBio® Product Benefits

- Significantly increases crop yields
- Reduces chemical fertilizer use
- Reduces pesticide, herbicide, and fungicide use
- Improves water-retention
- Easy application
- Increases Cat-ion exchange capacity
- Plants are naturally resistant to pests, as well as harmful microbes and nematodes
- Remediates the soil, reversing previous damage
- Improves crop health
- Boosts photosynthesis function
- Accelerates healthy decomposition of organic matter
- Creates larger, deeper, and better developed root systems
- Increases food production to feed the ever growing population
- Improves nutrient quality of the soil
- Better tasting fruits and vegetables
- Organic, nontoxic, non-GMO
- Healthy fields, healthy livestock
- Significantly increases in-soil organic carbon
- Decreases sodium and heavy metals in soil

MicrobeBio® - Feeding the World a Billion Microbes at a Time

As the population of the earth continues to grow at an astounding rate, farmers are extremely busy looking for new and better ways to feed everyone. When you consider that, by the year 2050, there will be 9 *billion* people living on the planet, and that agricultural yields will have to *increase by 70 to 100%* in order to feed them all, you instantly realize just how big a task it is that these farmers have before them.

Natural, organic and masters of helping plants to thrive, microbes are the best bet for a world that desperately needs agricultural solutions.

They may be some of the smallest creatures on earth, but microbes hold the biggest key to the survival of mankind.

At MicrobeBio, we understand the importance of seeking environmental solutions to create and maintain thriving eco-systems that promote healthy and sustained plant growth.

There’s simply no doubt about it; life-giving microbes feed the world.

Join MicrobeBio in feeding the world…a billion microbes at a time.


MicrobeBio®