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

MicrobeBio®

www.MicrobeBio.com

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.

As the human population continues to increase the need for food solutions increases with it, and the importance of harnessing microbes becomes increasingly apparent.

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. There's simply no doubt about it; microbes feed the world.

MicrobeBio® feeds the soil.

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MicrobeBio®

MADE IN USA

REGISTERED cdfa ORGANIC INPUT MATERIAL

PRODUCER Certified Organic Washington State Dept. of Agriculture

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.

In the past, overuse of chemical-based fertilizers has resulted in the leaching of nitrates into the soil, which poses a fully-documented and real threat to humans, wildlife and the planet itself.

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.

Harnessing the Power of Nature...Well, 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.

The Green Revolution is Now!

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.

The 6 functions of MicrobeBio® Microbial Soil Amendments:

1. Biological Nitrogen Fixation
2. Phosphate Solubilization
3. Mobilization and Mineralization
4. Phytohormone Production
5. Saprophytic Competence
6. Soil 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.

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