



MicroLife™

ALL ORGANIC BIOLOGICAL FERTILIZERS

VOL 2. | SPRING

*Healthy Soils
Healthy Plants
Healthy People*

WELCOME TO THE SPRING MICROLIFE NEWSLETTER

BY MIKE SERANT



As a response to COVID-19, humanity has embarked on a new journey in which 'Health is Paramount'. Health is the core foundation of Organics. Organics, in our minds at MicroLife, means a Reverence for Life, ALL life; the healthy lives of ourselves, of each other & all of creation. The focal point is respect for a healthy Earth (it's our only home after all) & the food we produce.

Those of us who have been Organic advocates for years know this. But now, the ears, eyes & minds of millions of others are waking up too. At MicroLife, we've started the 'Love Mother Nature' campaign to properly focus our attention at this critical moment in time. What Mother Nature does for us everyday is amazing and inspiring. She surely and feely heals us all. So why would we ever want to put poisons on her, right?

Right off the bat we can look at the Ecosystem Economic Value we get from the environment which is valued at \$125 Trillion Dollars every year! That exceeds the annual global GDP of all the world's economies combined. Think about clean air for example, what if we had to have global filters? Clean water? Soil for food production? Timber? Recreation Activities? What are all these worth?

And, it gets a lot more personal. Individually, Nature heals us spiritually - mentally - physically. This is proven by science. Let's look at just a few of the many ways Mother Nature heals us all.

- Spiritual Mood is boosted. Nature takes away anger, stress, sadness, depression and replaces it with calmness, peace, & serenity.

- Plants, which have 60% DNA commonality with humans, off gas over 250 compounds, besides Oxygen, often odorless, which repair neurological and physiological functions inside of us. Amazing.

- Walks in Nature activate our natural killer T cells that hunt for viruses and cancer.

- Being in a clean & healthy environment builds a stronger human immune system and faster response to sicknesses.



With all this and much more, why would we ever poison our Mother? Besides, all chemical pesticides weaken our immune system and introduce toxins into our bodies.

There is also the incredible value/need to eat clean, healthy Organic foods. Presently America leads the world in chronic illnesses. This should not be the case, but most Americans have no idea how unhealthy the majority of their food is. The 'Love Mother Nature' campaign is designed for the American public to gain greater awareness of how critically important Organics are. We hope you join us in this important campaign and shout from the rooftops that we need a clean world and clean foods to successfully enhance our society.

Respectfully,

Mike Serant

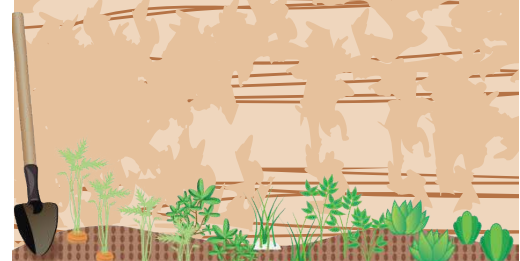
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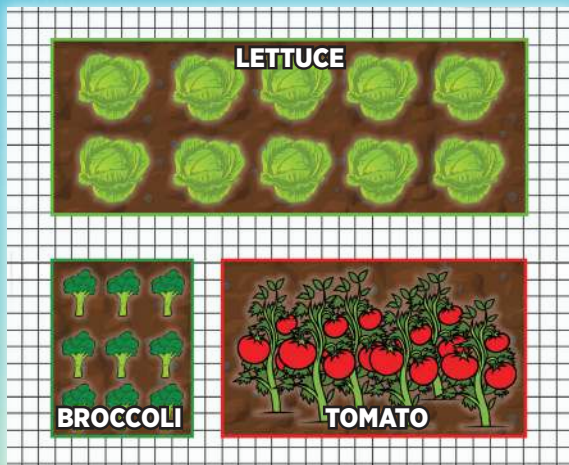
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Build Your Own Garden in 6 Simple Steps!

-Love Mother Nature-

1.) Decide what you want to grow & where



2.) Go to your local independent garden center for supplies



3.) Add great soil & compost



4.) Add MicroLife Fertilizer around the root system & mix in well with the soil



5.) Water in with MicroLife Liquid Super Seaweed



6.) Add mulch



Enjoy with the family!




MicroLife
Healthy Soils
Healthy Plants
Healthy People

HUMATES EXPLAINED & WHY THEY ARE A LANDSCAPER & GARDENER’S BEST FRIEND.

BY RUSSELL TAYLOR

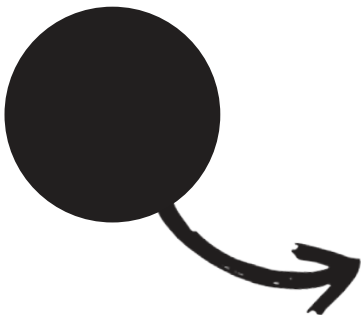
Humate deposits are the ancient remains of prehistoric forests that grew uninhibited for millions of years, like the Amazon forest of today. As the surface of the earth changed, some of these tropical forests were trapped under layers of rock and sandstone, preserving their concentrated carbon goodness.

Humates, or as we call them, ‘Concentrated Compost’ contain very stable forms of carbon. Carbon is the building block of life in the soil. Healthy soils are rich in stable carbon and contain at least 3 % Organic matter to help support a thriving microorganism community. Adding humates to your landscape leads to healthier soils & plants.



Humates are located around the world, but not all humate deposits are the same; Most have washed away or degraded in quality. Finding a well-preserved humate deposit is important for successful landscape results. We mine the globally-famous Emery deposit because of the high value it contains. In humate deposits, it is the amount of humic acid, fulvic acid, humin, and trace minerals that are in the ore along with the absence of heavy metals that determines the value. The Emery deposit is considered one of the ‘World’s Best.’

**Humates
Stabilized
Carbon**



Components of Humates



All the components of humate, the humic acid, fulvic acid, humin, and trace minerals, work harmoniously together in multiple ways to improve soil health.

Here are some of the benefits that humates can provide:

- The carbon feeds the indigenous microbes in the soil
- Humic & fulvic acids stimulate root growth.
- Loosens tight and compacted soils
- Greater water retention as humates can hold 7x their weight in water
- Improved fertilizer absorption, uptake, and availability
- Provides trace minerals that can be deficient in some soils
- Improves oxygen flow and water infiltration



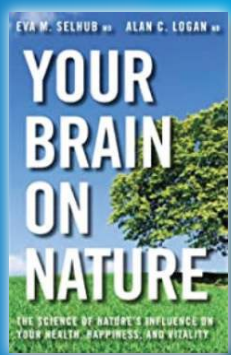
Not all black products are humates. Recently many industrial wastes like biosolids, sawdust, and animal waste are being processed and sold as biochar. Biochar is a fancy name for charcoal and does not contain any of the stable organic acids commonly found in humate. The biochar industry is mostly unregulated, and products vary significantly based on what the charcoal product is made from and the temperatures they are burned. Biochar does not provide organic acids like humic and fulvic acid and should be avoided.

Humates have a long history of reliable performance around the world and are called ‘Black Gold’ by farmers for its soil-improving properties. In Houston, MicroLife includes Humates or humic/fulvic acids in all of their products. One product, in particular, MicroLife Humates Plus, has been inexpensively and significantly improving soils and plants since 2009.

Healthy soils are rich in organic matter with abundant microbial populations. Adding humates can fast-forward the soil building process. Because the organic acids in humates are stable, the benefits can be observed for many years to come. Applying ‘Concentrated Compost’ to build soil organic matter now becomes affordable and less labor-intensive. Apply humates on all landscapes in both granular or liquid, and you will be rewarded with better, less costly, and easier to maintain landscapes.

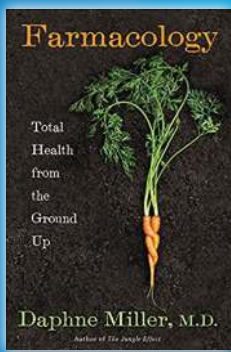
MicroLife Suggested Reads

YOUR BRAIN ON NATURE DR. EVA SELHUB



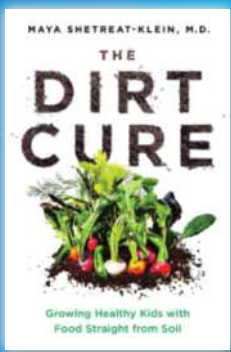
Every landscape & garden is a health care center giving us incredible benefits. In this book Dr. Selhub reveals the huge impact nature has on our cognitive brain function, mental health & our physical well being.

FARMACOLOGY DR. DAPHNE MILLER



In 'Farmacology' Dr. Daphne Miller goes beyond the simple concept of "food as medicine" by introducing us to the critical idea that it's the farm where the food is grown that offers the real medicine.

THE DIRT CURE DR. MAYA SHETREAT



In Dr. Maya Shetreat's book she describes how her journey through medical school, experiences as a pediatrician & being a mother to a chronically ill child led her back to nature and the importance of working with healthy soil & the microbes living in it.

Want to make the world a better place? Join OHBA!

We are a 501-c-3 Non-Profit focused on Organic Horticulture & Human Health bringing in top experts from around the world to speak to us so we can grow a healthier community for all.



In lieu of live events, we are hosting a webinar series every other week. We hope to see you there!

UP NEXT:
'Growing for Good' with Victoria Velarde
April 30TH || 5:00PM via Zoom