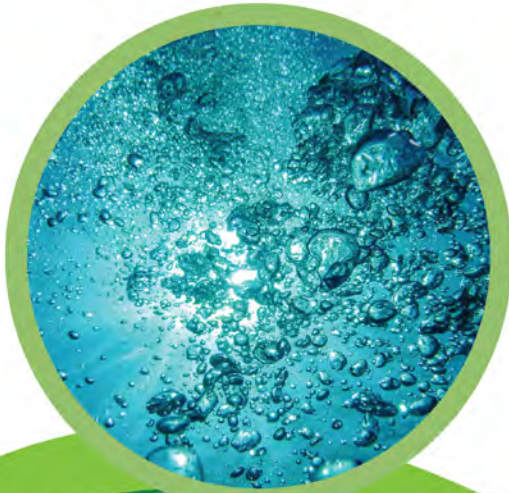




# TM-90™

## FULL SPECTRUM

### Ocean Minerals & Trace Elements



TM-90™ are natural mineral crystals produced by solar dehydration of sea water trapped in retention ponds in a very arid and pristine coastal region devoid of industry or agriculture. The particular sea utilized is considered as one of the most diverse in marine life and minerals on earth.

The full spectrum minerals and trace elements contained in TM-90™ are exactly proportioned and balanced as in sea water to sustain optimum biological life. Consider that the elements in sea water are at essentially the same ratios as human blood, and that sea life living in pure and balanced ocean water seems immune to most cancer and other degenerative diseases.

TM-90™ is the product of 40 years of extensive research proving that soils and crops enhanced or remineralized with full spectrum sea minerals and trace elements grow crops superior to those grown solely with conventional fertilizers.

TM-90™ can be broadcast directly on the soil surface and allowed to absorb into the soil or dissolved and sprayed directly onto growing crops and plants.



[www.Microbial-Solutions.com](http://www.Microbial-Solutions.com)



Microbial Solutions, LLC  
2501 Lakeview Rd. Mexico, MO 65265  
info@Microbial-Solutions.com

## Benefits from using TM-90™

- Enhance nutrient uptake
- Increase production and yields
- Improve flavor
- Reduce transplant shock
- Less heat stress

Trace elements, usually less than one-tenth of one percent, exert powerful influences far beyond their quantity. Scientific understanding of the role of trace elements in human and plant physiology is new and emerged slowly during the last century. It is known that 16 trace elements have critical biological functions, but many more are suspected to play a role in cellular function and molecular design.



## Microbial Solutions, LLC



## Root Growth

Humic-Ag™ is a great root stimulator. As carbon, energy and oxygen are incorporated back into the soil, root initiation and growth take off. This gives plants a strong foundation for success.

## Water Holding Capacity

Humics are able to hold seven times their volume in water. This means that during drought and extreme heat, plants can access water required for survival.

## Organic Matter

When it comes to organic matter, a little goes a long way. By adding Humic-Ag™, growers can effectively boost organic matter content in their soil over time and reap the rewards.

## Input Costs

In agriculture, horticulture and turf applications, Humic-Ag™ is used as a soil enhancer in conjunction with chemical fertilizers. While the use of Humic-Ag™ does not mean growers can forgo fertilizers altogether, it does help to decrease the total volume of fertilizers required for healthy crops.

[www.Microbial-Solutions.com](http://www.Microbial-Solutions.com)

## Microbial Activity

Microorganisms and earthworms need air, food and water to do nature's work. Humic-Ag™ helps keep underground communities happy by aerating the soil, enhancing nutrient availability and improving water-holding capacity.

## Nutrient Uptake

Humic-Ag™ is a catalyst for a series of positive reactions in the soil. By providing a rich carbon food source, Humic-Ag™ enables microorganisms to perform key biological and chemical functions that deliver even more humus content back into the soil. These prime soil conditions in turn prompt plants to develop strong and healthy root systems. Bigger and better roots means increased access to the energy, nutrients and water necessary for optimal development.

## Plants Strength

In addition to improving nutrient accessibility and uptake, Humic-Ag™ promotes strong root, shoot and foliar development. Humic-Ag™ gives plants a structural advantage that serves them well in windy, cold and dry conditions or when pests and disease make an unwelcome appearance.



Microbial Solutions, LLC  
2501 Lakeview Rd. Mexico, MO 65265  
[info@Microbial-Solutions.com](mailto:info@Microbial-Solutions.com)



## Why Add Humic-Ag™?

The biological and chemical breakdown of plant life over millions of years is the secret to our success and potentially yours. Whether replenishing the earth's energy, restoring balance or increasing efficiency, Humic-Ag™ adds value.

These naturally occurring substances are highly functionalized carbon-rich macromolecules that have been shown to boost soil health, enhance productivity and spur impressive results.



## Soil Health

Healthy soil is alive and teeming with nutrients for plant growth. Humic-Ag™ stimulates essential biological and chemical activity that enriches the soil and keeps it fertile.

**Microbial Solutions, LLC**