



Supplement Products

SA-1000 is the next generation in Humic, Fulvic Acid, and Organic Bio-Polymer Technology. **SA-1000** is an all new, scientifically engineered blend of Ionic and Non-Ionic Humic/Fulvic/Organic Bio-Polymers fortified with Bio-available Calcium and Urea. **SA-1000** is specifically designed for the correction of High Sodium, Bicarbonates and Metals in both irrigation water and soil. This dual action product provides a complete management tool for the correction of poor water quality and its effects on your soil. With other available products on the market, you must choose to treat the water with one product and the soil with another while both create potential residual affects to your turf and soil. **SA-1000** is an all natural solution that will neutralize the sodium and bicarbonate issues in both the water and the soil at a fraction of the cost.

Product Benefits:

- No negative effects of acid or chemical based solutions.
- Immediate solubility and activity compared to gypsum applications.
- Converts bicarbonates into valuable organic matter, not carbon dioxide.
- Cost effective low dose rates for either injection or mechanical applications.
- Can be applied with most nutrient and chemical applications.
- Not just a pH adjustment, it's a complete solution.
- **SA-1000** binds sodium and allows it to safely leach away
- **SA-1000** reduces / eliminates salts, bicarbonates, pesticides, and chemicals; corrects actual and potential toxicity in the soil.

SA-1000

Guaranteed Analysis

Total Nitrogen (N).....	WW 10%.....	WV 14%
10% Urea Nitrogen		
Available Phosphorus (P ₂ O ₅).....	0%	
Available Potash (K ₂ O).....	0%	

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Humic Acid.....5%
Derived from Urea, Humic & Fulvic Acid from Brown Coal

Huma-MnFe is a complementary combination of manganese and iron. Manganese and iron provide a synergistic benefit during photosynthesis by providing the essential energy building blocks necessary to produce vibrant, natural color and systemic health in plants. In regions subjected to salt-water breezes, manganese deficiencies are common, especially in the presence of salt based fertilizers and high sodium irrigation water. Agronomy experts recognize that the concentration of symbiotic nutrient, such as manganese and iron, provide a reliable guide to the nutritional health and proper color of plants. Manganese is essential in certain nitrogen conversions, in plants as well as microorganisms. Additionally, manganese functions in many plant enzyme systems as a bridge connecting the enzyme with the substrate, and supports the enzyme process for nitrate conversions.

HUMA-MnFe

Guaranteed Analysis

Iron (Fe)	5%
5% Complexed Iron	
Manganese (Mn)	5%
5% Complexed Manganese	

Derived from Iron Glucoheptonate and Manganese Glucoheptonate

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Humic Acid.....1%
Derived from Brown Coal

Huma-Boost BC contains the same natural, super-saturated, highly soluble, Activated Humic Acid from a unique deposit of broad spectrum humates with our new proprietary **Bio-Cat Booster**. **Bio-Cat Booster** is a natural, ultra concentrated, non-bacterial product consisting of L-amino acids, coenzymes, and other proteins. Blended with the enzymes is a natural package of five different surface tension modifiers and is fortified with micro-nutrients to enhance the natural enzyme and microbial activity in soils. This unique combination works in harmony with indigenous micro-organisms in the soil to act as a natural biocatalyst. This biocatalyst reaction helps free up nutrients in the soil enabling them to be more readily bio-available to the plant allowing it to become healthier with improved root growth.

HUMA-BOOST BC

Soil Conditioner

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Humic Acid	4%
Amino Acid Complex	7%

Derived from Non-terial YeaDerived from Non-Bacterial
Yeast Fermentation and Brown Coal.