

# ENHANCE<sup>®</sup> THA

## 6% PLUS TECHNICAL HUMIC ACIDS with Chelated Micronutrients

### GUARANTEED ANALYSIS

Micronutrients (Percent by weight)	Percentage Elements
Copper (Cu) ..... 0.05% Chelated Copper	0.05%
Iron (Fe) ..... 0.10% Chelated Iron	0.10%
Manganese (Mn) ..... 0.05% Chelated Manganese	0.05%
Zinc (Zn) ..... 0.05% Chelated Zinc	0.05%

Derived From Micronutrients: Copper Sulfate, Ferrous Sulfate, Manganese Sulfate, and Zinc Sulfate.  
The Chelating Agent is EDTA ( ETHYLENE DIAMINE, TETRA-ACETIC ACID)

ALSO CONTAINS NON PLANT FOOD INGREDIENT: 6.00% HUMIC ACID DERIVED FROM LEONARDITE

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

KEEP OUT OF REACH OF CHILDREN

**WARRANTY:** Western Nutrients Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on the Western Nutrients Corporation Label attached to the product container.

NET CONTENTS 5 GALLONS  
18.93 LITERS  
8.6 LBS. PER GAL @ 68 ° F  
962 GRAMS PER LITER @ 20 ° C

### PRODUCT INFORMATION

#### CROPS

ENHANCE<sup>®</sup> Technical Humic Acids can be applied to most vegetable crops, row crops, deciduous fruit and nut trees, citrus, avocados, grapes, melons, ornamentals, turf, pasture, range grasses, and most other crops.

ENHANCE<sup>®</sup> THA is a concentrated Technical Humic Acid liquid which is compatible with most fertilizers and micronutrients to help produce nutrient healthier crops. Humic Acids may aid in the uptake of micronutrients.

ENHANCE<sup>®</sup> THA is extracted from a form of Humus, Leonardite Ore, which is a product of decay of organic matter. Appropriate amounts of Humus helps loosen compacted soils, improves cultivation and facilitate aeration and water penetration.

In the production of a fertile soil, organic substances play a direct part as they are the sources of plant nutrients which are liberated in available forms during mineralization. But organic substances also play an indirect role. Besides being a source of nutrients for the plant, and the most important factor in structure formation, organic matter has also a fundamental effect on the physical properties of the soil, (water-holding capacity) and determines to a larger degree such physico-chemical properties as the exchange capacity and buffering properties; these properties are of great importance, not only in controlling the uptake of nutrients by the plant and their retention in the soil, but also in suppressing the deleterious effect of soil acidity. There is also conclusive evidence that quite small amounts of certain organic substances (highly dispersed humic acids) have a definite positive effect on the growth and development of the plant.

The main benefits of adding organic matter to the soil are improved moisture holding capacity, aeration and water penetration. Improved soil blocks, increased negatively charged colloidal particles (humus) capable of holding and exchanging nutritive cations. Increased buffering effects by decreasing the tendency for an abrupt pH change in the soil when acid or alkaline substances are added. Increased formations of metal complexes thus stabilizing soil micronutrients that otherwise might not be available.

### APPLICATION RATES

ENHANCE<sup>®</sup> Technical Humic Acid is a very concentrated form of humic acid salts and is recommended for use with fertilizers and micronutrients. ENHANCE<sup>®</sup> Technical Humic Acid is also recommended for use in irrigation systems. ENHANCE<sup>®</sup> can be added to the water of gravity, sprinkler systems, and drip systems.

#### PREPLANT:

Apply 2 - 4 quarts (2-4 liters) of ENHANCE<sup>®</sup> THA to each 30 gallons (114 liters) of liquid fertilizer.

#### SIDE DRESS:

Apply 2 - 4 quarts ( 2 - 4 liters ) of ENHANCE<sup>®</sup> THA to each 30 gallons (114 liters) of liquid fertilizer per acre.

#### FOLIAR FEEDING:

- **Aerial Application:** Apply 2 - 4 quarts (2 - 4 liters) of ENHANCE<sup>®</sup> THA with a foliar fertilizer in 5 - 10 gallons (19 - 38 liters) of water per acre when crop is from 3 to 4 weeks old. Repeat as needed.
- **Ground Rig:** Apply 2 - 4 quarts (2 - 4 liters) of ENHANCE<sup>®</sup> THA with a foliar fertilizer in 15 to 20 gallons (57 - 76 liters) of water per acre.

ENHANCE<sup>®</sup> THA can be used in transplant water at a rate of 1 - 2 gallons (4 - 8 liters) per acre.

ENHANCE<sup>®</sup> THA can also be used in direct seed application, such as rice, at the rate of 1 - 2 gallons (4 - 8 liters) per 100 gallons (378 liters) of water.

Always mix ENHANCE<sup>®</sup> THA with materials that have a pH of at least 6.

ENHANCE<sup>®</sup> THA is a Registered Trademark of Western Nutrients Corp.

### MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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