



# HUMIPLUS ROOT BOOSTER

TM



## Increases Root Size and Root Zone

### Active Ingredients

Humic Acid (Enhance® THA), Gold Label React, Surfactants, Ascophyllum Nodosum, Amino Acid Complex and contains B-12.

Information regarding the contents and levels of metals in this product is available by calling 1-800-542-6664

### 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  
9.88 LBS. PER GAL @ 68 ° F  
1105 GRAMS PER LITER @ 20 ° C



### PRODUCT INFORMATION GENERAL INFORMATION

HUMIPLUS ROOT BOOSTER is designed to increase plant metabolism by stimulating the roots increasing growth and yield.

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 determine 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 organic 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 RECOMMENDATIONS

HUMIPLUS ROOT BOOSTER is a very concentrated root stimulant and is recommended for use with fertilizers and micronutrients.

HUMIPLUS ROOT BOOSTER is also recommended for use in irrigation systems. HUMIPLUS ROOT BOOSTER can be added to the water of gravity, sprinkler systems, and drip systems.

#### PREPLANT:

Apply 1 - 3 quarts (1 - 3 liters) of HUMIPLUS ROOT BOOSTER to each 30 gallons (114 liters) of liquid

#### SIDEDRESS:

Apply 1 - 3 quarts (1 - 3 liters) of HUMIPLUS ROOT BOOSTER to each 30 gallons (114 liters) of liquid fertilizer per acre.

#### FOLIAR FEEDING:

- Aerial application: Apply 1 - 3 quarts (1 - 3 liters) HUMIPLUS ROOT BOOSTER with a foliar fertilizer in 5 - 10 gallons (17 - 38 liters) of water per acre when crop is from 3 to 4 weeks old. Repeat as needed.
- Ground Rig: Apply 1 - 3 quarts (1 - 3 liters) of HUMIPLUS ROOT BOOSTER with a foliar fertilizer in 75 to 200 gallons (283—757 liters) of water per acre.

HUMIPLUS ROOT BOOSTER can be used in transplant water at a rate of 1 - 2 gallons (4 - 8 liters) per acre. HUMIPLUS ROOT BOOSTER 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.

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### MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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