

# HUMIPLX<sup>®</sup> HP-50

## 0-21-28

Contains (THA) Technical Humic Acids

### GUARANTEED ANALYSIS

|   |        |
|---|--------|
| AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )..... | 21.00% |
| SOLUBLE POTASH (K <sub>2</sub> O).....                          | 28.00% |
| IRON (Fe).....  | 0.20%  |
| ZINC (Zn).....  | 0.10%  |

Derived from Potassium Phosphate, Phosphoric Acid, Potassium Pyrophosphate, Iron Sulfate, Zinc Sulfate.

Also contains **NON-PLANT FOOD**  
0.4% Humic Acid derived from Leonardite

### 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  
11.5 LBS. PER GAL @ 68 ° F  
1286 GRAMS PER LITER @ 20 ° C



MANUFACTURED BY - WESTERN NUTRIENTS CORPORATION

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### PRODUCT INFORMATION

#### CROPS

**HUMIPLX HP-50** Liquid Nutrients 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.

**HUMIPLX HP-50** is a new liquid plant food developed for use as a foliar feed, a regular plant food applied to the soil, and as a starter plant food with the seed or transplant.

**HP-50** liquid nutrients contain **ENHANCE<sup>®</sup>** (THA) Technical Humic Acids. HP-50 nutrients are beneficial in combination with plant food and non-phytotoxic when used as directed.

**HP-50** nutrients with (THA) Technical Humic Acids are unique as they can be used in most all forms of liquid fertilizers. **HP-50** nutrients can be banded at planting time, side-dressed or sprayed in water solutions directly on deficient plants. Humic Acid may aid in uptake of micro-nutrients.

**TURF GRASSES** - One gallon (4 liters) per 5000 square feet applied with sufficient water to insure uniform distribution. May be applied every 30 to 60 days during growing season. Supplemental nitrogen should be added as recommended by your supplier and/or Pest Control Advisor.

**TRANSPLANT SOLUTIONS AND DRENCHES** - Mix thoroughly one to two gallons in not less than 100 gallons (378 liters) of water and drench roots. For vegetables drench entire plant. Plant immediately after drenching. Do not allow plants to dry or wilt. Total amount of **HP-50** used should not exceed 3 gallons (11 liters) per acre regardless of amounts of water used in transplanting.

**NOTE:** These humic acid products are used to **FORTIFY, PRODUCE, SET** and **HOLD**. It is important that timely applications are made to achieve these results.

#### APPLICATION RATES

##### GENERAL APPLICATION RATES

**HUMIPLX HP-50** should be used on most crops in a foliar application at the rate of 1-6 quarts (1-6 liters) per acre. Four timely applications give the best results. **HUMIPLX HP-50** should always be used any time the plant, tree, or vine is in a stress situation to fortify the plant and maintain sufficient levels of nitrogen and phosphorous.

##### SOIL AND SIDE DRESS APPLICATION RATES

Soil: 1 to 6 gallons (4 to 22 liters) per acre. **HP-50** can be applied preplant, at planting time or sidedressed after the crop has emerged. The usual carrier is water or liquid fertilizer. **Sidedress:** 1 to 6 gallons (4 to 22 liters) per acre at planting or within a few weeks after planting.

##### FOLIAR APPLICATION RATES

**Tree:** Start as early as possible, usually at bud stage or just prior to first bloom and continue at 10-15 day intervals. Use 2-3 quarts (2-3 liters) per acre. The second, third, and fourth applications should come at petal fall and then two more applications after petal fall. These timely applications will insure sufficient levels of nitrogen and phosphorous to hold the set intact. **Vegetable Crop:** Apply at the rate of 1 -2 quarts (1 -2 liters) per acre just prior to first bloom, or when the plant is 3-4 inches high, and continue at two week intervals. These applications can be made during a regular spray program. This practice will give a more uniform maturity, higher yields, larger fruit, better color and a stronger root system.

**Field Crop:** Apply at the rate of 1 -2 quarts (1 -2 liters) per acre, just prior to bloom, or when the plant is 3-4 inches tall. Four timely applications should be made during a regular spray program. **Cotton:** Apply at the rate of 2-3 quarts (2-3 liters) per acre, when the first true leaves appear, one week before peak bloom, followed by 2 more applications at two week intervals just after peak bloom.

**Wheat and Other Small Grain:** Apply at the rate of 2-4 quarts (2-4 liters) per acre at boot stage, or when the plant is 8 to 10 inches tall and again when the grain heads out. This can be done during a regular spray program. This practice will increase the number of heads and give a heavier bushel weight. **Grapes—General**

**Application:** Apply at the rate of 1 -2 quarts (1-2 liters) per acre, when the canes reach 15-20 inches in length, at buckshot stage, or after shatter. This practice will produce a heavier yield, bigger grapes, earlier harvest, and higher sugar content.

##### TABLE GRAPES

**Grapes:** One quart/acre (1 liter/acre) three to four times each season. One quart/acre (1 liter/acre) at first full leaf, then one to two quarts/acre (one to two liters/acre) at post bloom, berry size and three to four weeks prior to harvest.

##### DILUTION RATES

Aircraft and low volume sprayers:

Use a minimum of 5 gallons (19 liters) of water per acre. Conventional sprayers:

Use a minimum of 20 gallons (76 liters) of water per acre. Dilute spray:

Use 200-500 gallons (757-1893 liters) of spray solution per

acre. Concentrated spray:

Use 50-150 gallons (189 to 568 liters) of concentrated spray

solution per acre.

**NOTE:** A wetting agent or spreader can be used when applying **HUMIPLX HP-50**.

**HUMIPLX** is a Registered Trademark of Western Nutrients Corporation.

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