



# MICROMATE®

## INSTRUCTIONS

**PREPARATION:** Designed to be put into liquid suspension and applied to foliage and the soil. Adds naturally occurring materials containing humic acids to soil that may increase plant nutrient availability and uptake, water use efficiency, and growth of beneficial microbes, which optimize soil conditions for increased plant vigor and resistance to abiotic stress. Apply with sufficient water to ensure uniform coverage. Best results will be obtained when application is concentrated in the active root zone or when applied directly to the soil followed by shallow incorporation or irrigation. Apply by broadcast spray, whether through fertigation, drip, or spray machine. Can be applied to all soil types for agricultural fields, ornamentals, lawns, gardens, and landscapes. Soil moisture is required for maximum bioactivity: if soil is dry, moisture should be provided by irrigation. Applications can be made as often as every 30 days, as needed.

**CONDITIONS:** Application timing, intervals, and rates may vary according to individual plant requirement, stage of development, available nutrient levels in the soil, and overall nutritional status of the plants.

**CONSULT:** Consult your local Huma® Representative or qualified individual/institution for use-specific recommendations.

**STORAGE & DISPOSAL:** Keep product in original bag. Do not transfer into food or drink containers. Always dispose of bag in accordance with local, state, and/or federal regulations.

**DISCLAIMER:** This product is intended as a supplement to a regular fertilization program and will not, by itself, provide all the nutrients normally required by plants.

## GUARANTEED ANALYSIS

### CONTAINS NON-PLANT FOOD INGREDIENTS SOIL AMENDING ACTIVE INGREDIENTS

Humic Acids\* ..... 37.0%  
Hydrophobic Fulvic Acids\* ..... 2.0%  
Derived from Leonardite

### Inert ingredients

Inactive components of Leonardite ..... 53.5%  
Natural Suspension Agent from Attapulgite Clay ..... 7.5%

\*Analysis using the HPTA or ISO 19822 Method

Less than 18% moisture.

## SOIL AMENDMENT

Applications can be made as often as every 30 days, as needed.

## GUIDELINES FOR CREATING HUMIC SOLUTION

| Target Min. Percentage Humic + Fulvic Acids* | MicroMate          | Water                          | Total Weight             |
|--|--------------------|--------------------------------|--------------------------|
| 24.0%  | 3.76 lb<br>1.7 kg  | 0.67 gal (85.8 oz),<br>2.54 L  | 935 lb/gal<br>1.12 kg/L  |
| 20.0%  | 3.05 lb<br>1.38 kg | 0.73 gal (93.4 oz),<br>2.76 L  | 909 lb/gal<br>1.10 kg/L  |
| 16.0%  | 2.37 lb<br>1.07 kg | 0.78 gal (99.8 oz),<br>2.95 L  | 8.85 lb/gal<br>1.06 kg/L |
| 12.0%  | 1.73 lb<br>0.78 kg | 0.83 gal (106.2 oz),<br>3.14 L | 8.62 lb/gal<br>1.04 kg/L |
| 8.0%   | 1.12 lb<br>0.51 kg | 0.88 gal (112.6 oz),<br>3.33 L | 8.40 lb/gal<br>1.01 kg/L |

| USE                                   | SUGGESTED RATE                                 |
|---------------------------------------|--|
| Field Crops, Sod, and Specialty Crops | Up to 2 lb/ac (2 kg/ha),<br>diluted with water |
| Tree or vine crops                    | Up to 4 lb/ac (4 kg/ha),<br>diluted with water |

\*Determined using the Colorimetric Test Method

Product Density: 39–40 lb/ft<sup>3</sup>

Net Wt. 30 lb  
Net Wt. 13.6 kg

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## SAFETY

### KEEP OUT OF REACH OF CHILDREN

Information regarding the contents and levels of metals in this product is available on the Internet at: <https://www.aapfco.org/metals.html>

Ingestion of this product may cause gastrointestinal irritation or pain. Inhalation of dust may cause respiratory irritation.

**CLASSIFICATION:** RESPIRATORY TRACT IRRITATION—HAZARD CATEGORY 3

**SIGNAL WORD:** WARNING

**HAZARD STATEMENT:** H335; May cause respiratory irritation.

**PRECAUTIONARY STATEMENT:** P261, P271; Avoid breathing dust. Use only outdoors or in a well-ventilated area. P304+P340, P319; IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell.

**PRODUCT CHARACTERISTICS:** A dark reddish brown to black particles/dust having no odor.

**CONDITIONS OF SALE:** The information contained on this label is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, plant and soil conditions, and other factors are beyond the control of the seller.

Guaranteed by Huma, Inc.  
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