

**NOTE: This is a specimen label for electronic distribution. Refer to product label on container for specific directions for use.**



# MONTEREY HA-12

## 12% Humic Acids Concentrate

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

### GENERAL INFORMATION

MONTEREY HA-12 is a concentrated liquid extract of Humic Acids from Leonardite Ore, a form of humus that is a decay product of organic matter. MONTEREY HA-12 may aid in the uptake of micronutrients by plants.

### DIRECTIONS FOR USE

*SHAKE, STIR OR SWIRL CONTENTS BEFORE USING*

**MIXING:** For use in fertilizer solutions or pesticidal sprays, follow the specific recommendations for dosages and finish spray volumes. When mixing with pesticides, add pesticides to the mix tank after MONTEREY HA-12. Before adding to liquid ammonium phosphate, dilute 1 part MONTEREY HA-12 with 1-2 parts water.

**COMPATIBILITY:** MONTEREY HA-12 is compatible with most liquid fertilizers, pesticides, herbicides and defoliant — except those with a pH less than 6.0. However, if the desired combination has not been previously used, a compatibility test is recommended.

**CAUTION:** When combined with aqua ammonia, vapor releases may result in pressure build ups. For such mixtures, only use mixing and application equipment that are vented and/or have pressure relief valves.

DO NOT use MONTEREY HA-12 with calcium nitrate, phosphoric acid, liquid zinc sulfate or other solutions with a pH less than 6.0.

**APPLICATIONS:** For applications to the soil, MONTEREY HA-12 can be applied sequentially in conjunction with, or in tank mixtures with liquid fertilizers and micronutrients. It may be sprayed onto or in conjunction with applications of dry fertilizers and micronutrients. Note: Use of MONTEREY HA-12 in conjunction with soil-applied herbicides, fungicides or insecticides may diminish pesticidal activity.

For foliar applications, MONTEREY HA-12 is recommended for use with fertilizer, micronutrient and pesticide solutions.

MONTEREY HA-12 may be applied by ground or aerial equipment. For applications through drip or overhead sprinkler systems equipped with anti-siphon or back-check valves (to prevent contamination of water source by back-flow), add the recommended amount of MONTEREY HA-12 to the mix tank and inject into irrigation water.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in original container at temperatures above 40° F. **PRODUCT DISPOSAL:** Wastes may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### GUARANTEED ANALYSIS

#### NOT A PLANT FOOD INGREDIENT

#### INGREDIENTS:

Contains NONPLANT FOOD INGREDIENTS:

12% Humic Acids\* derived from leonardite.

\*Equivalent to 1.08 lbs. humic acids per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION

Harmful if swallowed. May cause eye and skin irritation. **IF SWALLOWED:** Drink 2 glasses of water or milk to dilute. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. **IF IN EYES OR ON SKIN:** Flush with water for at least 15 minutes. Do not rub eyes. Seek medical attention immediately.

### CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

**Net Contents: 5 Gallons / 18.93 Liters**

**Wt. Per Gallon: 9.0 Lbs. @ 68°F**

Manufactured for:

**MONTEREY CHEMICAL COMPANY**

P.O. Box 35000 • Fresno, CA 93745-5000 • (559) 499-2100

### AGRONOMIC USES

MONTEREY HA-12 may be applied to most crops, including but not limited to: Alfalfa, Asparagus, Beans, Berries, Brassica (cole) crops (broccoli, cabbage, cauliflower), Citrus, Corn, Cotton, Cucurbits (cucumbers, melons, squash), Deciduous fruit trees (apples, cherries, pears, peaches, plums), Deciduous nut trees (almonds, pistachios, walnuts), Grapes, Hops, Leafy vegetables (celery, lettuce, spinach), Lentils, Olives, Onions, Peas, Peppers, Potatoes, Small grains (barley, oats, rice, wheat), Strawberries and Tomatoes.

**Seed and Potato Seedpiece Treatments:** Apply 1-2 gallons MONTEREY HA-12 in 100 gallons of water as a seed treatment spray or dip.

**Transplant Water Applications:** Apply 1 quart MONTEREY HA-12 per 50 gallons of transplant solution (1-2 gallons product per acre).

**Preplant, In-Furrow and Sidedress Applications:** Apply 2 quarts MONTEREY HA-12 per 100 lbs. of actual plant nutrients. For example, if 21 gallons of a 10-32-0 liquid fertilizer contains 23 lbs. nitrogen (N) and 77 lbs. phosphate (P<sub>2</sub>O<sub>5</sub>) for a total of 100 lbs. of plant nutrients, then use 2 quarts MONTEREY HA-12 in tank mixture with or sequentially to fertilizer applications.

**Foliar Applications:** Use 1-3 quarts MONTEREY HA-12 per acre with foliar fertilizer applications beginning when plants are 3-4 weeks old. Use this dose in at least 5 gallons finish spray for aerial equipment and/or 10 gallons finish spray for ground application equipment.

### HORTICULTURAL USES

MONTEREY HA-12 may be applied to Ornamental Trees, Shrubs and Vines and to Turf.

**Transplants and Cuttings:** Apply 1 quart MONTEREY HA-12 per 50 gallons of transplant solution. Refer to the following section for use after transplants and cuttings have become established.

**Established Ornamentals:** Use 1 quart MONTEREY HA-12 per 50 gallons of water every 45-60 days during the growing season. Apply as a normal irrigation.

As part of fertilization program, apply 2 quarts of MONTEREY HA-12 per 100 lbs. of actual plant nutrients (for example calculation, see *Preplant, In-Furrow and Sidedress Applications* section above). Water in thoroughly.

**Landscape or Golf Course Turf:** Broadcast 2-4 quarts MONTEREY HA-12 per acre (2-3 fl. oz./1000 sq. ft.) in the spring and fall. Irrigate into soil.