



# MONTEREY HI-PHOS 32

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

## GENERAL INFORMATION

MONTEREY HI-PHOS 32 is a liquid fertilizer especially developed for applications directly to plant foliage to correct nutrient deficiencies or maintain healthy growth. MONTEREY HI-PHOS 32 may also be applied in a band to the soil, as a side-dress and as a starter fertilizer with the seed or at seedling transplant.

MONTEREY HI-PHOS 32 is formulated with humic acids to aid and promote rapid nutrient uptake by plant leaves and roots. MONTEREY HI-PHOS 32 provides completely available nutrients for plant uptake, may be mixed with most liquid fertilizers, and is not phytotoxic when used as directed.

## DIRECTIONS FOR USE

MONTEREY HI-PHOS 32 can be used on, but is not limited to, vegetable crops, row crops, deciduous fruit and nut trees, citrus, avocados, grapes, melons, pasture and range grasses.

MONTEREY HI-PHOS 32 may be used at any time to correct plant nutrient deficiencies and maintain healthy growth. The usual carrier is water or liquid fertilizer.

MONTEREY HI-PHOS 32 is recommend in foliar applications at the rate of 1-4 quarts per acre. Lower rates may be used depending on crop conditions and cultural practices.

## DILUTION RATES

	<u>Volume per acre</u>
Aircraft & low volume sprayers:	5 gallon minimum
Conventional sprayers:	20 gallon minimum
Dilute spray:	200-500 gallons
Concentrated spray:	50-150 gallons

## GUARANTEED ANALYSIS

8-32-7

Total Nitrogen (N) .....	8.0%
8.00% Ammoniacal nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	32.00%
Soluble Potash (K <sub>2</sub> O) .....	7.0%
Iron (Fe) .....	0.10%
Zinc (Zn) .....	0.20%

Derived from ammonium phosphate, mono ammonium phosphate, phosphoric acid, potassium phosphate, iron sulfate and zinc sulfate.

Also contains NONPLANT FOOD INGREDIENTS:  
0.3% Humic Acids derived from Leonardite.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION: HARMFUL IF SWALLOWED**

## 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**

Manufactured for:  
**MONTEREY CHEMICAL COMPANY**

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

## SOIL AND SIDE-DRESS APPLICATIONS

SOIL: Apply 1-6 gallons per acre. MONTEREY HI-PHOS 32 can be applied preplant or at planting.

SIDE-DRESS: Apply 1-6 gallons per acre at planting or within a few weeks after planting.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-monterey.com>

## FOLIAR APPLICATIONS

TREES: Apply 2-4 quarts per acre. Start as early as possible, usually at bud stage or just before first bloom. Continue applications at petal fall and at 10-15 day intervals after petal fall.

VEGETABLE CROPS: Apply 1-3 quarts per acre just prior to first bloom or when plants are 3-4 inches tall, and continue at two-week intervals. Applications can be part of a regular spray program.

FIELD CROPS: Apply 1-3 quarts per acre just before bloom or when plants are 3-4 inches tall. Apply four timely application during a regular spray program.

COTTON: Apply 1-3 quarts per acre when the first true leaves appear, one week before peak bloom, and 2 more applications at 2 week intervals following peak bloom.

WHEAT AND OTHER SMALL GRAINS: Apply 2-4 quarts per acre at boot stage or when plants are 8-10 inches tall, and again at heading as part of a regular spray program.

TABLE GRAPES: Apply 1-3 quarts per acre when the canes reach 15-20 inches in length, at buckshot stage, and after shatter. Apply 1 quart per acre when bunches attain a length of 2-4 inches.

WINE GRAPES AND RAISINS: Apply 1-2 quarts per acre beginning when canes are 2 inches in length, then 2-3 quarts per acre shortly before bloom, immediately after shatter and again 3 weeks after shatter.