

# Nutri-Phite® Magnum

2-40\*-16

FOLIAR NUTRIENT

FOR CALIFORNIA VEGETABLE AND PERMANENT CROPS

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	2%
2% Ammoniacal Nitrogen	
Total Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	40%
Soluble Potash (K <sub>2</sub> O).....	16%
Derived from phosphorous acid, potassium hydroxide, ammonium hydroxide and potassium citrate.	

## GENERAL RECOMMENDATIONS

Nutri-Phite® Magnum is a concentrated foliar nutrient solution containing, in highly soluble form, certain elements beneficial to plant growth, crop development, crop quality and yield when applied as a properly timed foliar spray. Nutri-Phite® Magnum is intended to be used as a supplemental foliar treatment.

Foliar Nutritional Spray - Nutri-Phite® Magnum may be applied by air or with all types of ground spraying equipment.

For aerial application, apply 1 to 3 pints per acre in a minimum of 20 gallons of water per acre.

For foliar application with ground spray equipment, apply 1 to 4 pints per acre.

Do not exceed a product concentration of 2% volume/volume maximum. For the following product rates, do not use less than the corresponding gallons of water per acre: 1 pint/acre = 6¼ gallons of water/acre; 2 pints/acre = 12½ gallons of water/acre; 3 pints/acre = 18¾ gallons of water/acre; 4 pints/acre = 25 gallons of water/acre. (See APPLICATION PRECAUTION)

Compatibility - Nutri-Phite® Magnum is compatible with most common foliar pesticides and nutrients however, USER ASSUMES FULL RESPONSIBILITY to ensure compatibility when tank mixing with other products. It is recommended to use this product with surfactants that do not lower pH. (See APPLICATION PRECAUTION)

\*Note: With foliar application, phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or be utilized directly by the plant as phosphite ions.

## SUGGESTED USES--VEGETABLE CROPS

**TOMATOES AND PEPPERS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting, thinning or at second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

**LETTUCE, SPINACH AND OTHER LEAFY VEGETABLES** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting thinning, or at second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

**BROCCOLI, CAULIFLOWER AND OTHER BRASSICA VARIETIES** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting, thinning or second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

**MELONS, CUCUMBERS AND OTHER CUCURBITS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting or at second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

**BEANS AND PEAS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after thinning or at second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

**STRAWBERRIES** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting. Apply at thirty day intervals or as needed to supplement nutritional requirements.

**POTATOES, ONIONS AND OTHER VEGETABLE ROOT, BULB OR TUBER CROPS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply the first application after transplanting or at second true leaf stage. Apply one to two subsequent applications at ten to fifteen day intervals or as needed to supplement nutritional requirements.

#### SUGGESTED USES--PERMANENT CROPS

**ALMONDS, WALNUTS, AND OTHER NUT CROPS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application at green tip. Apply subsequent applications at thirty day intervals up to nut fill or as needed to supplement nutritional requirements.

**PLUMS, NECTARINES AND OTHER STONE FRUITS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application at green tip. Apply subsequent applications at thirty day intervals up to pit hardening or as needed to supplement nutritional requirements.

**APPLES, PEARS AND OTHER POME FRUITS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application at green tip. Apply subsequent applications at thirty day intervals up to harvest or as needed to supplement nutritional requirements.

**KIWI** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at thirty day intervals up to harvest or as needed to supplement nutritional requirements.

**CITRUS AND AVOCADOS** - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at thirty day intervals up to harvest or as needed to supplement nutritional requirements.

OLIVES - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at thirty day intervals up to harvest or as needed to supplement nutritional requirements.

GRAPES - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application.

Table Grapes: Apply first application at bloom. Apply subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest or as needed to supplement nutritional requirements.

Wine Grapes: Apply first application at approximately 5% bloom. Apply subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest or as needed to supplement nutritional requirements.

RASPBERRIES, BLACKBERRIES, AND OTHER CANEBERRIES - Apply 1 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application pre-bloom. Apply subsequent applications at thirty day intervals up to harvest or as needed to supplement nutritional requirements.

HOPS - Apply 2 to 4 pints per acre (+/- 2 to 5 liters/hectare) per application. Apply first application at 1 inch to 4 inches of shoot growth. Apply subsequent applications at 8 to 10 inches of shoot growth, at 5 feet to 6 feet in height after trellising and during bloom or as needed to supplement nutritional requirements.

#### IRRIGATION SYSTEM APPLICATION

Applications of Nutri-Phite® Magnum through irrigation systems can be substituted for foliar applications described above and can be applied through sprinkler (e.g. solid set, hand move, walking, wheel roll) or low volume (e.g. micro sprinkler, tape, drip, fanjet) irrigation systems. The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system and should be calibrated accurately prior to any application. The irrigation system should be operated to achieve maximum distribution uniformity to avoid plant injury and/or ineffectiveness. For best results, apply Nutri-Phite® Magnum toward the end of the irrigation cycle allowing sufficient time for the product to be flushed out of the entire irrigation system before turning off the irrigation water.

**APPLICATION PRECAUTION:** AS WITH ALL ACID MATERIALS, USER SHOULD EXERCISE PRECAUTION TO AVOID POTENTIAL FOLIAR BURNING. PRECAUTION IS ADVISED IF APPLYING THIS PRODUCT IN COMBINATION WITH OTHER MATERIALS SINCE MIXING COULD RESULT IN A POTENTIALLY HAZARDOUS OR UNDESIRABLE REACTION CAUSED BY PRODUCT INCOMPATIBILITIES. A COMPATIBILITY TEST IS RECOMMENDED BEFORE TANK MIXING WITH OTHER PRODUCTS. THE pH OF ANY FINAL SPRAY SOLUTION SHOULD BE CHECKED AND AN APPROPRIATE AMOUNT OF THE SOLUTION BE APPLIED TO A SMALL AREA OF THE INTENDED CROP TO ENSURE PLANT COMPATIBILITY PRIOR TO THE PLANNED APPLICATION. USER ASSUMES FULL RESPONSIBILITY TO ENSURE PRODUCT, EQUIPMENT AND PLANT COMPATIBILITIES.

**CAUTION!** May be irritating to contaminated skin and eyes. Inhalation of sprays or mists may be harmful. Wear gloves and goggles. Do not get in eyes, on skin, or on clothing. Avoid breathing splash, sprays, or mists generated from this material. Store in tightly closed container. Wash thoroughly after handling. If spilled on skin or splashed in eyes, rinse affected area for at least 15 minutes. TARGET ORGANS: Skin and eyes.

Use in well-ventilated area. If involved in a fire, this material may decompose and produce irritating fumes and toxic gases (phosphorus oxides, carbon monoxide, and carbon dioxide). In the event of a spill, clean-up promptly using trained personnel and pre-planned procedures or contact CHEMTREC at 1-800-424-9300 for assistance. Consult Material Safety Data Sheet for further information. **KEEP OUT OF REACH OF CHILDREN.** This Product Intended For Agricultural Use Only.

#### IMPORTANT NOTICE

Seller warrants that this product conforms to its chemical description as stated on the label. The product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use. Neither this warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to the seller. Buyer assumes the risk of any such use.

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

Product Manufactured By:

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Visalia, CA 93292  
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NET CONTENTS: \_\_\_\_\_ LITERS ( \_\_\_\_\_ Gallons)  
13.50 LBS/GALLON

US Patent Nos. 5,514,200 and 6,645,268

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