

NUTRI-PHYTE

CALCI-PHYTE

Foliar or Soil Nutrient for Vegetable, Field, and Permanent Crops

F002331

0-19-9

GUARANTEED ANALYSIS

Total Phosphoric Acid (P ₂ O ₅)	19%
Soluble Potash (K ₂ O)	9%
Calcium (Ca)	9%

Derived from Phosphorous Acid, Potassium Hydroxide, and Calcium Carbonate.

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200).

USE PRECAUTIONS - KEEP OUT OF REACH OF CHILDREN

As with all materials, user should exercise precaution to avoid potential phytotoxicity including foliar burning. Caution is advised if applying this product in combination with other materials, a jar test for compatibility 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 should 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. Intended for Agricultural use. Consult Safety Data Sheet for further information. In the event of a spill, clean-up should be done promptly by trained personnel while using pre-planned procedures.

GENERAL RECOMMENDATIONS

This product is a concentrated nutrient solution containing certain elements, in highly soluble forms beneficial to plant growth, flowering, crop development, crop quality, yield, fruit set, rooting, root development and transplant establishment when applied as a properly timed foliar or soil application. Read and follow all label directions including USE PRECAUTIONS before using this product. Applications of this product should be part of a fertility program based upon soil and tissue testing data and is intended for use as a supplemental fertilizer treatment.

Contact your Certified Crop Advisor for specific recommendations for your area.

DIRECTIONS FOR USE

Foliar Application – This product may be applied with all types of ground spraying equipment. For aerial and ground application, apply 0.5 to 4 pints per acre in a minimum of 3 1/8 to 25 gallons of water per acre. Do not exceed a product concentration of 2% volume/volume maximum.

Soil Application – This product may be applied to the soil by all types of soil spraying/injection equipment and through certain types of irrigation systems. Refer to the **IRRIGATION SYSTEM APPLICATION** section. Apply 0.5 to 4 pints per acre.

Compatibility – This product is compatible with most commonly used foliar pesticides, chemically neutral fertilizers and micronutrients. **Do not use this product with surfactants or adjuvants that lower pH.** USER ASSUMES FULL RESPONSIBILITY to ensure compatibility when tank mixing with other products.

To access Verdesian's Warranty Statement please visit [vlsci.com/limited-warranty](http://www.vlsci.com/limited-warranty).

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

In case of emergency call INFOTRAC: 800-535-5053 or INTL INFOTRAC: 352-323-3500

SUGGESTED USES

VEGETABLE CROPS

General Vegetable Crops: Apply after transplanting, thinning or at second to fourth true leaf stage. Reapply at 15-30 day intervals up to harvest.
Garlic and Onions: Apply at bulb initiation to 1/2 inch diameter, from seedling stage and again approximately 6-8 weeks after 1" diameter.
Carrots: Apply at crop emergence. Reapply at 15-30 day intervals up to harvest.
Artichokes: Apply at seedling stage. Reapply at 15-30 day intervals.
Tomatoes, Cantaloupes and other Melons: Apply after transplanting, thinning or at second to fourth true leaf stage.

TREE, VINE, AND FRUIT CROPS

Strawberries: Apply after transplanting. Reapply at 15-30 day intervals up to harvest.
Bush Berries, Caneberries, Kiwi, Olives, Citrus, Avocados and Figs: Apply pre-bloom. Reapply at 15-30 day intervals up to harvest.
Cranberries: Apply 20 days pre-bloom. Reapply at 15-30 day intervals up to harvest.
Pomegranates: Apply at first flush. Reapply at 15-30 day intervals up to harvest.
General Nut Crops: Apply at bud break. Reapply at 15-30 day intervals up to nut fill.
Pistachios: Apply at leaf out. Reapply at pre-bloom, 3 weeks post bloom and 6 weeks post bloom.
Stone Fruits: Apply at bud break or pink bud. Reapply at fruit set or jacket fall, fruit thinning and two to three weeks prior to harvest.
Pome Fruits: Apply at green tip or bud break. Reapply at 15-30 day intervals up to harvest.
Hops: Apply at 1 inch to 4 inches of shoot growth. Reapply at 8 to 10 inches of shoot prior to bloom and during bloom.
Grapes (Table, Wine, Raisin): Table Grapes: Apply at 4-6 inches of shoot growth and then at bloom. Wine and Raisin Grapes: Apply 4-6 inches of shoot grow and then at approximately 5-25% bloom. Reapply at bunch pre-closing, veraison and two to three weeks prior to harvest.
Dates: Apply at onset of bloom. Reapply at 15-30 day intervals.

FIELD CROPS

Garbanzo Beans: Apply after crop emergence at fourth to sixth true leaf stage. Reapply at 30 day intervals.
Beans (Not for Greenhouses): Apply after sowing, thinning or at second to fourth true leaf stage and reapply at 15 to 30 day intervals.
Cotton: Apply in furrow. Reapply at pin head square.
Forage Crops: Apply after sowing thinning or at second to fourth true leaf stage and reapply at 15 to 30 day intervals.
Alfalfa hay and Alfalfa Seed: Apply after sowing, thinning or at second to fourth true leaf stage and make 1-2 subsequent applications after cutting.
Barley, Grass (Seed), Oats, Rice, Rye, Sugar Cane and Wheat: Apply after emergence usually at first herbicide timing and reapply at 4-6 inches crop height and with the fungicide program. Reapply at 10 to 15 day intervals.
Corn: Apply at planting in seed row. Reapply at V4 through V6 stages.
Sugar Beets: Apply after sowing thinning or at second to fourth true leaf stage and reapply at 10 to 15 day intervals.
Asparagus: Apply at 2-3 feet height and reapply at 10 to 15 day intervals.
Sunflower, Spifflower and Other Crops Grown for Seed: Apply pre-bloom and reapply at 10 to 15 day intervals.
Tobacco: Apply after transplanting and reapply at 15 to 30 day intervals.
Forestry and Nursery: Apply every 2 to 4 weeks during active growing periods.

IRRIGATION SYSTEM APPLICATION

Applications can be made through certain irrigation systems including, but not limited to, low volume systems and typical agricultural sprinkler 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. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformly will help avoid plant injury and/or product ineffectiveness. For best results, with the exception of center pivot and lateral systems, apply this product toward the end of the irrigation set. Allow sufficient time for the product to be flushed completely out of the entire irrigation system prior to turning off the irrigation water.

STORAGE AND DISPOSAL

Store in a cool, dry place. Keep container tightly closed and out of direct sunlight during storage for extended amounts of time. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage and disposal. Store above 32°F. In case of a spill, clean up promptly using trained personnel and pre-planned procedures. Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

Contents: 2.5 Gal (9.46 L)

Net Wt.: 31.85 lbs. (14.4 kg)

Lot No:

Density: 12.74 lbs./gal (1.53 kg/L) at 68° F (20° C)

Mfg Date:

Exp Date:

Inv. ID: 1000461



This product is guaranteed by Verdesian Life Sciences, U.S., LLC

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GUARANTEED ANALYSIS

Total Phosphoric Acid (P ₂ O ₅)	19%
Soluble Potash (K ₂ O)	9%
Calcium (Ca)	9%

Derived from Phosphorus Acid, Potassium Hydroxide, and Calcium Carbonate.

**Phosphorous acid products are for use as a supplemental fertilizer treatment.*

This product is not considered hazardous by the US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200).

USE PRECAUTIONS - KEEP OUT OF REACH OF CHILDREN

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GENERAL RECOMMENDATIONS

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DIRECTIONS FOR USE

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Soil Application – This product may be applied to the soil by all types of soil spraying/injection equipment and through certain types of irrigation systems. Refer to the **IRRIGATION SYSTEM APPLICATION** section. Apply 0.5 to 4 pints per acre.

Compatibility – This product is compatible with most commonly used foliar pesticides, chemically neutral fertilizers and micronutrients. **Do not use this product with surfactants or adjuvants that lower pH.** USER ASSUMES FULL RESPONSIBILITY to ensure compatibility when tank mixing with other products.

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SUGGESTED USES

VEGETABLE CROPS

General Vegetable Crops: Apply after transplanting, thinning or at second to fourth true leaf stage. Reapply at 15-30 day intervals up to harvest.

Garlic and Onions: Apply at bulb initiation to 1/2 inch diameter, from seedling stage and again approximately 6-8 weeks after 1" diameter.

Carrots: Apply at crop emergence. Reapply at 15-30 day intervals up to harvest.

Artichokes: Apply at seedling stage. Reapply at 15-30 day intervals.

Tomatoes, Cantaloupes and other Melons: Apply after transplanting, thinning or at second to fourth true leaf stage.

TREE, VINE, AND FRUIT CROPS

Strawberries: Apply after transplanting. Reapply at 15-30 day intervals up to harvest.

Bush Berries, Caneberries, Kiwi, Olives, Citrus, Avocados and Figs: Apply pre-bloom. Reapply at 15-30 day intervals up to harvest.

Cranberries: Apply 20 days pre-bloom. Reapply at 15-30 day intervals up to harvest.

Pomegranates: Apply at first flush. Reapply at 15-30 day intervals up to harvest.

General Nut Crops: Apply at bud break. Reapply at 15-30 day intervals up to nut fill.

Pistachios: Apply at leaf out. Reapply at pre-bloom, 3 weeks post bloom and 6 weeks post bloom.

Stone Fruits: Apply at bud break or pink bud. Reapply at fruit set or jacket fall, fruit thinning and two to three weeks prior to harvest.

Pome Fruits: Apply at green tip or bud break. Reapply at 15-30 day intervals up to harvest.

Hops: Apply at 1 inch to 4 inches of shoot growth. Reapply at 8 to 10 inches of shoot prior to bloom and during bloom.

Grapes (Table, Wine, Raisin): Table Grapes: Apply at 4-6 inches of shoot growth and then at bloom. Wine and Raisin Grapes: Apply 4-6 inches of shoot grow and then at approximately 5-25% bloom. Reapply at bunch pre-clipping,

veraison and two to three weeks prior to harvest.

Dates: Apply at onset of bloom. Reapply at 15-30 day intervals.

FIELD CROPS

Garbanzo Beans: Apply after crop emergence at fourth to sixth true leaf stage. Reapply at 30 day intervals.

Beans (Not for Greenhouses): Apply after sowing, thinning or at second to fourth true leaf stage and reapply at 15 to 30 day intervals.

Cotton: Apply in furrow. Reapply at pin head square.

Forage Crops: Apply after sowing thinning or at second to fourth true leaf stage and reapply at 15 to 30 day intervals.

Alfalfa hay and Alfalfa Seed: Apply after sowing, thinning or at second to fourth true leaf stage and make 1-2 subsequent applications after cutting.

Barley, Grass (Seed), Oats, Rice, Rye, Sugar Cane and Wheat: Apply after emergence usually at first herbicide timing and reapply at 4-6 inches crop height and with the fungicide program. Reapply at 10 to 15 day intervals.

Corn: Apply at planting in seed row. Reapply at V4 through V6 stages.

Sugar Beets: Apply after sowing thinning or at second to fourth true leaf stage and reapply at 10 to 15 day intervals.

Asparagus: Apply at 2-3 feet height and reapply at 10 to 15 day intervals.

Sunflower, Spillflower and Other Crops Grown for Seed: Apply pre-bloom and reapply at 10 to 15 day intervals.

Tobacco: Apply after transplanting and reapply at 15 to 30 day intervals.

Forestry and Nursery: Apply every 2 to 4 weeks during active growing periods.

IRRIGATION SYSTEM APPLICATION

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Calcium (Ca)	9%

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