



Drexel®

DynaPhite™

FOLIAR PHOSPHITE NUTRIENT

0-28-26

GUARANTEED ANALYSIS

Available Phosphoric Acid (P_2O_5)
(AOAC method 960.02)..... 28.0%
Soluble Potash (K_2O) 26.0%

Derived from potassium hydroxide and phosphorous acid.

KEEP OUT OF REACH OF CHILDREN

WARNING



See FIRST AID Below

Read Entire Label Before Using This Product

SHAKE WELL BEFORE USE (Recirculate Contents Before Use)

Net Weight: **Net Content:**
12.5 lb (5.67 kg)/gal **2.5 gal (9.46 l)**

F1743

Information about the components of this lot of fertilizer material may be obtained by writing to Drexel Chemical Company, P.O. Box 13327, Memphis, TN 38113-0327, and giving the lot number found on the container.

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

PRECAUTIONARY STATEMENTS

WARNING: Causes skin and eye irritation. Harmful if swallowed. Do not get on skin, in eyes or on clothing. Take off contaminated clothing and wash before reuse. If swallowed, call poison center, doctor/physician if you feel unwell. Do not eat, drink, or smoke when using this product. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco or using the toilet. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or compatibility agents, follow the FIRST AID and Precautionary Statements on the product's labeling.

PERSONAL PROTECTION EQUIPMENT (PPE):

Wear eye and face protection, protective gloves, clothing, shoes and socks.

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- If skin irritation occurs, get medical advice.

IF IN EYES:

- Rinse cautiously with water for 15 to 20 minutes.
- Remove contact lenses, if present and easy to do so. Continue rinsing.
- If eye irritation persists, get medical attention.

(Continued)

FIRST AID (Cont.)

IF SWALLOWED:

- Call a poison control center or doctor if you feel unwell.
- Rinse mouth.

IF INHALED:

- Move person to fresh air and keep comfortable.
- Call poison control center or doctor for treatment advice if you feel unwell.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency call CHEMTREC at 1-800-424-9300.

GENERAL INFORMATION

Nutrient deficiencies of available phosphate and soluble potash in Permanent Crops, Vegetable Crops, and Field Crops, as well as Golf Courses⁽¹⁾, Turfgrass (Warm and Cool Season)⁽¹⁾, Commercial Greenhouse and Landscape (including lawn care and Sod farms), Ornamental and Nursery Crops, and Perennials and Annuals can be effectively treated with DynaPhite Foliar Phosphite Nutrient 0-28-26. As both a foliar and soil-applied plant food, conventional sprayers, ground or aerial application equipment may be utilized to deliver DynaPhite Foliar Phosphite Nutrient 0-28-26.

From pre-bloom to post-transplant, root development, budding and flowering, to maintaining plant vigor, DynaPhite Foliar Phosphite Nutrient 0-28-26 supplies the plant's phosphate and potash needs for effective beneficial growth.

Phosphorous acid products are for use as a supplemental fertilizer treatment. Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or will be used directly by plants, as phosphite ions. As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops, may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5.

Foliar fertilization is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

Manufactured By:

Drexel Chemical Company

P. O. Box 13327, Memphis, TN 38113-0327

(901) 774-4370

SINCE 1972

PRECAUTIONS & RECOMMENDATIONS

- Adding adjuvants or surfactants to this product is not recommended.
- If the spray solution is below 6 pH, do not mix with copper-based fungicides or fixed copper.
- Foliar injury, foliar burning, root injury, phytotoxicity, pH changes in your planting medium, injector system damage and irrigation system damage can be prevented by adhering to all precautions and exercising sound conventional cultural practices when using this highly concentrated product.
- Combinations of this product with any other product should be tested for compatibility prior to any spray mix application. A phytotoxicity trial is recommended, especially if you do not have experience with the combination.
- Contact your local agricultural extension agent, a certified crop application advisor, or authorized Drexel representative for more information.

MIXING INSTRUCTIONS

Fill the clean spray or mix tank half-way with water, begin agitation, add other fertilizers and/or pesticides in the following sequence (unless otherwise directed by their labeling):

1. Dry flowables or water dispersible granules
2. Wettable powders
3. Flowables
4. Emulsifiable concentrates
5. Water-based solutions
6. Compatibility agents
7. Other Fertilizers and/or Pesticides

DIRECTIONS FOR USE

Foliar applications always require sufficient water for thorough coverage of the plant's foliage.

Maximum spray volume solution is 2%. A 0.5% v/v solution is equal to 6.4 fluid ounces of this product per 10 gallons of water.

Application via aerial, ground, or conventional sprayers at 10 to 500 gallons of water per acre is recommended.

For each 1,000 square feet of coverage area, use 8 fluid ounces of this product per 6.25 gallons of water.

Follow the suggested rates below for aerial, ground and irrigation application methods, or as otherwise directed.

BERRIES

STRAWBERRIES

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

FIELD CROPS

CORN

Aerial: 1 to 4 pints per acre

Ground: 1 to 4 pints per acre

COTTON

Aerial: 1 to 4 pints per acre

Ground: 1 to 4 pints per acre

GOLF COURSE⁽¹⁾, TURFGRASS (WARM AND COOL SEASON)⁽¹⁾, COMMERCIAL GREENHOUSE AND LANDSCAPE (INCLUDING LAWN CARE AND SOD FARMS)⁽¹⁾

BENTGRASS, BLUEGRASS, RYEGRASS, ZOYSIAGRASS, BERMUDAGRASS, FESCUEGRASS, ST. AUGUSTINEGRASS, CENTIPEDEGRASS, AND POA ANNUA

For a total spray volume of 1.75 to 2 gallons, use 5 to 10 fluid ounces for each 1,000 square feet of coverage area. Repeat as necessary every 14 to 21 days. Soil or plant tissue analysis may be utilized to identify the need for increased potassium levels to help to reduce Summer stress.

⁽¹⁾ FOR USE IN FLORIDA:

We recommend that you follow the Green Industries BMP's at:

<http://www.flaes.org/pdf/Green%20Industries%20BMP's.pdf>

and the Golf Course BMP's at:

<http://www.flaes.org/pdf/Golf%20Course%20BMP's.pdf>.

ORNAMENTAL AND NURSERY CROPS

EVERGREEN AND DECIDUOUS SPECIES (Including Trees, Shrubs, and Foliage Plants)

Propagule: Temporarily immerse cutting(s) into a 0.5% v/v solution before planting.

Transplanting: Apply as a 0.5% v/v solution foliar spray or immerse the transplant tray temporarily in a 0.5% v/v solution before transplanting.

Plant Vigor: Apply foliarly every 10 to 14 days (or as necessary) in a 0.5% v/v solution.

General Application Timing: First application at bud break, continue plant vigor rates until plant senescence. Do not apply during dormancy.

PERENNIALS AND ANNUALS

CUT FLOWERS

Propagule: Temporarily immerse cutting(s) into a 0.5% v/v solution prior to planting.

Transplanting: Apply as a 0.5% v/v solution foliar spray or immerse the transplant tray temporarily in a 0.5% v/v solution before transplanting.

Plant Vigor: Apply foliarly every 10 to 14 days (or as necessary) in a 0.5% v/v solution. Two to three days prior to harvest, a 0.5% v/v solution of this product may be used. After harvest and prior to shipping, immerse the cuttings in a 0.5% v/v solution.

BEDDING PLANTS

Transplanting: Apply as a 0.5% v/v solution foliar spray or immerse the transplant tray temporarily in a 0.5% v/v solution before transplanting.

Plant Vigor: At the fourth true leaf stage, apply foliarly every 10 to 14 days (or as necessary) in a 0.5% v/v solution.

PERMANENT CROPS

ALMONDS

Aerial: 1 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals up to nut fill or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

APPLES, PEARS (POME FRUIT)

Aerial: 1 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

AVOCADO

Aerial: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

CANE BERRIES, BLACKBERRIES, RASPBERRIES AND OTHERS

(See separate section BERRIES for STRAWBERRIES)

Aerial: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

CITRUS

Aerial: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

GRAPES, TABLE

Aerial: 1 to 4 pints per acre. Apply first application at bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. Apply first application at bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed.

Irrigation: First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

GRAPES, WINE

Aerial: 1 to 4 pints per acre. Apply first application at approximately 5% bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. Apply first application at approximately 5% bloom, subsequent applications at bunch pre-closing, veraison and two to three weeks prior to harvest, or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

HOPS

Aerial: 2 to 4 pints per acre. First application at 1 inch to 4 inches of shoot growth, subsequent applications at 8 inches to 10 inches of shoot growth and 5 feet to 6 feet after trellising, and during bloom, or as needed. Dilute 2 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 2 to 4 pints per acre. First application at 1 inch to 4 inches of shoot growth, subsequent applications at 8 inches to 10 inches of shoot growth and 5 feet to 6 feet after trellising, and during bloom, or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product add 6.25 gallons of water per acre.

KIWI

Aerial: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

OLIVES

Aerial: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at pre-bloom, subsequent treatments at 30 day intervals or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

PLUMS, PEACHES (STONE FRUIT)

Aerial: 1 to 4 pints per acre. First application at green tip or pink bud, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application at green tip or pink bud, subsequent treatments at fruit set, thinning, and two to three weeks prior to harvest, or as needed. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

WALNUTS AND OTHER NUT CROPS

Aerial: 1 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals or as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 2 to 4 pints per acre. First application at green tip, subsequent treatments at 30 day intervals or as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 2 to 4 pints per acre. First application with the first spring irrigation, subsequent treatments at 90 day intervals or as needed. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

VEGETABLE CROPS

BEANS

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application after thinning or second true leaf stage, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CALABRESE, CAULIFLOWER)

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting, thinning, or second true leaf stage, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

CUCURBITS (CUCUMBERS, MELONS)

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

EGGPLANT, PEPPERS, TOMATOES

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

LETTUCE, SPINACH, OTHER LEAFY VEGETABLES

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

PEAS

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Irrigation applications should be a minimum of 1 gallon this product to 100 gallons of water or 1% by volume. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

POTATOES, ROOT, BULB OR TUBER CROPS

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

SUGAR BEETS

Aerial: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Dilute 1 to 4 pints of this product in 10 to 20 gallons of water.

Ground: 1 to 4 pints per acre. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. A 2% solution of this product by spray volume is the maximum permissible rate for foliar application, or for each 1 pint per acre of this product, add 6.25 gallons of water per acre.

Irrigation: 1 to 4 pints per acre per application. First application post-transplanting or thinning, subsequent applications at 10 to 14 day intervals as required. Do not exceed 2 gallons per 100 gallons of water or 2% by volume per application.

STORAGE AND DISPOSAL

STORAGE: Do not store at temperatures below 32°F and protect from frost. Keep out of reach of children and animals in a cool, dry chemical storage area. Keep container tightly closed. Do not allow water to be introduced into the container contents.

DISPOSAL: Dispose of empty containers by triple rinsing with detergent solution or puncture and discard empty containers in a landfill in accordance with current Local, State and Federal regulations. Do not contaminate water sources by cleaning of equipment or disposal of waste.

WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.