



Signature
brand fertilizer



StarPhite®

0-0-5 Calcium

Soil and Foliar Nutrients

GUARANTEED ANALYSIS

Soluble Potash (K₂O) 5.00%
Calcium (Ca) 8.00%

Derived From: Potassium Hydroxide, and Calcium Carbonate

ALSO CONTAINS NON-PLANT FOOD INGREDIENT 15% Phosphorous Acid

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

F1548

GUARANTEED BY:



PO BOX 1286 • GREELEY CO 80632-1286

FOR COMMERCIAL OR PROFESSIONAL USE ONLY



DENSITY 10.43 LBS./GALLON @ 68° F NET WEIGHT LBS. 26.08 (11.83 kg)
LIQUID MEASURE 2.5 US GALLONS (9.46 L)

SPCa 0-0-5_national_G0109

General Information

StarWhite® 0-0-5 Calcium is a foliar nutrient for use on a variety of crops. When applied according to label directions, it may be beneficial to plant growth, crop yield and quality. **StarWhite 0-0-5 Calcium** contains no available phosphate. Foliar fertilization is intended as a supplement to regular fertilization programs and may not, by itself, provide the nutrients normally required by crops or other intended plants. **StarWhite 0-0-5 Calcium** may be applied by air or with all types of ground spraying equipment.

Application Information

For aerial application, apply 1 to 4 pints per acre in a minimum of 20 gallons of water per acre.

For ground application, apply 1 to 4 pints per acre. Do not exceed a product concentration of 2% v/v maximum.

For 1 pint/acre rate add to 6 ¼ gallons of water per acre

For 2 pints/acre rate add to 12 ½ gallons of water per acre.

For 3 pints/acre rate add to 18 ¾ gallons of water per acre.

For 4 pints/acre rate add to 25 gallons of water per acre.

Directions for Use

Field Crops, Vegetable Crops, and Other Crops

Beans and Peas: Apply 1 to 4 pints per acre per application. Make first application after transplanting, thinning, or at second true leaf stage. Make 1 to 2 subsequent applications at 10 to 15-day intervals or as needed to supplement nutritional requirements.

Lettuce, Spinach and other leafy vegetables: Apply 1 to 4 pints per acre per application. Make first application after transplanting, thinning, or at second true leaf stage. Make 1 to 2 subsequent applications at 10 to 15-day intervals or as needed to supplement nutritional requirements.

Cucumbers, Melons, and other Cucurbits: Apply 1 to 4 pints per acre per application. Make first application after transplanting, thinning, or at second true leaf stage. Make 1 to 2 subsequent applications at 10 to 15-day intervals or as needed to supplement nutritional requirements.

Broccoli, Cauliflower, and other Brassica varieties: Apply 1 to 4 pints per acre per application. Make first application after transplanting, thinning, or second true leaf stage. Make 1 or 2 subsequent applications at 10 to 15-day intervals or as needed to supplement nutritional requirements.

Potato, Onion, and other Vegetable Root, Bulb, or Tuber Crops: Apply 1 to 4 pints per acre per application. Make first application at second true leaf stage. Make 1 or 2 subsequent applications at 10 to 15 day intervals or as needed to supplement nutritional requirements.

Caneberries, Blackberries, Raspberries, etc.: Apply 1 to 4 pints per acre per application. Make first application pre-bloom with subsequent applications at 30-day intervals up to harvest or as needed to supplement nutritional requirements.

Strawberries: Apply 1 to 4 pints per acre per application. Make the first application after transplanting. Apply at 30-day intervals or as needed to supplement nutritional requirements.

Wine Grapes: Apply 1 to 4 pints per acre per application. Make first application 2 weeks prior to bloom. Make subsequent applications at pre-bunch closing, veraison, and 2 to 3 weeks prior to harvest or as need to supplement nutritional requirements.

Table Grapes: Apply 1 to 4 pints per acre per application. Make a single application 2 weeks prior to bloom. Do apply after bloom.

Hops: Apply 2 to 4 pints per acre per application. Make first application at 1 – 4 inches of shoot growth. Make additional applications at 8 – 10 inches of shoot growth and 5 – 6 feet after trellising, and during bloom and as needed to supplement nutritional requirements.

Olives: Apply 1 to 4 pints per acre per application. Make first application 2 to 3 weeks pre-bloom with subsequent applications at petal fall and at 3- day intervals up to harvest or as needed to supplement nutritional requirements.

Tomatoes and Peppers: Apply 1 to 4 pints per acre per application. Make first application after transplanting, thinning, or at second true leaf stage. Make subsequent applications at 10 to 14-day intervals or as needed to supplement nutritional requirements.

Turf, Golf Course Greens, and Fairways

Cool Season Grasses: Apply 3 to 5 ounces / 1000 sq. ft. in a minimum spray volume of 2 gallons of water. Apply at 14-day intervals during active growth periods.

Warm Season Grasses: Apply 3 to 5 ounces / 1000 sq. ft. in a minimum spray volume of 2 gallons of water. Apply at 14-day intervals from mid-spring to late fall. Continue subsequent applications at 4 to 5 week intervals for the remainder of the year.

Tees and Fairways: Apply 3 to 5 ounces / 1000 sq. ft. in a minimum spray volume of 2 gallons of water. Apply during active growth periods.

Golf Greens: Depending on grass type, follow suggested use rates for either Cool or Warm Season Grasses.

Conifers and Deciduous Woody Ornamentals

Unrooted cuttings, Propagation: Apply 0.3% v/v solution, momentarily submerge cuttings in solution prior to planting.

Seedlings: Apply 0.1% v/v solution, momentarily submerge entire seedling tray in solution.

Transplanting: Apply 0.1% v/v solution. Apply as a foliar spray to seedling tray prior to transplanting

Maintenance, Growth, and Development: Apply 0.1% - 0.3% v/v solution. Apply as a foliar spray with subsequent applications at 10 to 14-day intervals or as needed to supplement nutritional requirements.

Outdoor plantings and resets: Apply 0.5% v/v solution: Apply up to 2 gallons of solution to the root zone of each plant once plants are set (2 pints for small shrubs; 2 gallons for large shrubs).

Apply 0.1% - 0.3% v/v solution: Make additional foliar applications on a 10 to 14 day spray interval as needed to supplement nutritional requirements.

NOTE: Applications should be discontinued during dormancy. First seasonal application should be at bud emergence. Last application should be applied just prior to the onset of senescence. For foliar applications, DO NOT EXCEED a product spray concentration of 0.1% - 0.3% v/v depending upon the growing location and/or environment of the plant. When using a 0.3% solution of **StarWhite 0-0-5 Calcium**, use a maximum of 4 gallons of spray solution per 1,000 sq. ft.

Propagation: Apply 0.3% v/v solution. Make first foliar spray application at second true leaf stage. Make subsequent applications at 10 to 14-day intervals or as needed to supplement nutritional requirements.

Transplanting and Establishment: Apply 0.1% v/v solution, momentarily submerge seedling tray in solution OR apply as a foliar spray prior to transplanting.

Maintenance, Growth, and Development: Apply 0.1% - 0.3% v/v solution. Apply as a foliar spray. Make subsequent applications at 10 to 14-day intervals or as needed to supplement nutritional requirements.

Transporting: Apply 0.1% - 0.3% v/v solution 5 to 7 days prior to shipment, make a foliar spray application to each plant.

NOTE: FOR FOLIAR APPLICATIONS DO NOT EXCEED a product spray concentration of 0.1% to 0.3% v/v/ depending on growing location and/or environment of the plants. When using a 0.3% v/v solution of **StarPhite 0-0-5 Calcium**, use a maximum of 4 gallons of spray solution per 1,000 sq. ft.

Trees and Tree Farms (Christmas Trees; Park Plantings)

New Plantings and Resets: Apply 0.5% v/v solution, once trees are set in the ground, apply up to 2 gallons of solution to the root zone of each tree. Make additional foliar applications of 2 pints per acre at 2-week intervals during the growing season. Make a minimum of 2 foliar applications per season. **StarPhite 0-0-5 Calcium** may be applied as a tank mix partner with foliar fungicide or insecticide applications.

Maintenance: Apply 0.5% v/v solution. Make foliar applications of 2 pints per acre at 2- week intervals during the growing season. Make a minimum of 2 foliar applications per season. **StarPhite 0-0-5 Calcium** may be applied as a tank mix partner with foliar fungicide and/or insecticide applications.

NOTE: Apply when plants are actively growing. DO NOT EXCEED a maximum product spray concentration of 2.0% v/v.

Irrigation System Application: **StarPhite 0-0-5 Calcium** can be substituted for foliar applications described above through irrigation systems and can be applied through sprinkler (solid set, hand move, walking, wheel roll) or low volume (micro sprinkler, 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 **StarPhite 0-0-5 Calcium** toward the end of any irrigation cycle allowing sufficient time for the product to be flushed out of the entire irrigation system before turning off the irrigation water.

STORAGE and DISPOSAL

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal.

DISPOSAL: Do not reuse container. Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrcycle.org/locations> for) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal. **HANDLING:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, PO BOX 1286, GREELEY, CO 80632.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

HydroFoil is a trademark and Signature and Starphite are registered trademarks of Loveland Products, Inc.



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Calcium (Ca)8.00%

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FOR COMMERCIAL OR PROFESSIONAL USE ONLY

DENSITY 10.43 LBS./GALLON @ 68° F

NET WEIGHT 52.15 LBS. (23.66 kg)

LIQUID MEASURE 2 x 2.5 US GALLONS (9.46 L)

SPCa 0-0-5_national_G0109 case