



StarPhite®

2-40*-16

Soil and Foliar Nutrient

GUARANTEED ANALYSIS

Total Nitrogen (N).....	2.00%
2.00% Ammoniacal Nitrogen	
Total Phosphoric Acid (P ₂ O ₅).....	40.00%
Soluble Potash (K ₂ O).....	16.00%

Derived From: Ammonium Phosphite and Potassium Phosphite.
*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.



KEEP OUT OF REACH OF CHILDREN CAUTION

F1548

FOR COMMERCIAL OR PROFESSIONAL USE ONLY



GUARANTEED BY:

Loveland Products, Inc.® • PO BOX 1286 • GREELEY CO 80632-1286

DENSITY 13.20 LBS./GALLON @ 68° F

NET WEIGHT 33.00 LBS. (14.96 kg)

LIQUID MEASURE 2.5 US GALLONS (9.46 L)

APPLICATION PRECAUTIONS:

As with all acidic materials, user should exercise caution to avoid potential foliar burn. Caution is advised in applying this product in combination with other materials. If results are unknown, a compatibility test is recommended before tank mixing with other products. The final pH of any solution should be checked and a small amount of solution should be applied in a test area to determine results. Do not use with copper if the final mix solution has a pH of 6.0 or less or plant injury may occur. Do not exceed 2% v/v spray solution for foliar applications. Do not use surfactants or adjuvants with this product.

GENERAL INFORMATION:

StarWhite® 2-40-16 is a nutritional supplement 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 2-40-16** 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 2-40-16** can be applied to the soil or as a foliar application by air or with all types of ground spraying equipment. This product can also be applied through irrigation water.

Application Information:

For aerial application, apply 1 to 3 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, VEGETABLES CROPS & OTHER CROPS:

Alfalfa: Apply 2 to 4 pints per acre. 1 to 2 weeks after cutting.

Avocado: Apply 2 to 4 pints per acre. Pre-bloom with subsequent applications at 30 to 90 day intervals or as needed.

Corn: Apply 1 to 4 pints per acre.

Beans and Peas: Apply 1 to 4 pints per acre. At bud stage prior to bloom. Repeat the applications 1 to 2 times with an interval of 10 to 15 days or as needed.

Cotton: Apply 1 to 4 pints per acre.

Broccoli, Brussels Sprouts, Cabbage, Calabrese, Cauliflower, Lettuce: Apply 1 to 4 pints per acre. When plants are well established. Repeat the application 1 to 2 times with an interval of 10 to 15 days or as needed.

Carrots, Beets, Onions, Garlic: Apply 32-64 oz. per acre. When plants are well established. Repeat the application 1 to 2 times with an interval of 10 to 15 days or as needed.

Cucumbers, Melons: Apply 1 to 4 pints per acre. When plants are well established. Repeat the application 1 to 2 times with an interval of 15 to 20 days or as needed.

Sugarbeets: Apply 1 to 4 pints per acre. After thinning or when plants are well established. Repeat the application 1-2 times with an interval of 15 to 20 days or as needed.

Apples, Pears and other Pome Fruits: Apply 1 to 4 pints per acre. Apply pre-bloom with subsequent applications at 30 to 90 day intervals or as needed.
Potato, Sweet Potato: Apply 1 to 4 pints per acre. When plants are 4-6 inches in height. Repeat application 1 to 3 times with an interval of 10 to 15 days as needed.

Caneberries, Blackberries, Raspberries, etc.: Apply 1 to 4 pints per acre. Apply pre-bloom with subsequent applications at 30 to 90 day intervals or as needed.

Strawberries: Apply 1 to 4 pints per acre. When plants are well established. Repeat the application 1 to 2 times with an interval of 10 to 15 days as needed.
Wine Grapes: 1 to 4 pints per acre per application in 10 to 20 gallons of water. Make first application at 5% bloom. Make additional applications at bunch pre-closing, color change and at 2-3 weeks prior to harvest and as needed.

Hops: Apply 2 to 4 pints per acre per application in 6 ¼ gallons of water per pint. 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.

Citrus, Kiwi, Olives, Table Grapes: Apply 1 to 4 pints per acre. Apply pre-bloom with subsequent applications at 30 to 90 day intervals or as needed.

Apricot, Plums, Peaches, and other Stone Fruits, including Papaya: Apply 1 to 4 pints per acre. Apply pre-bloom with subsequent applications at 30 to 90 day intervals or as needed.

Tomatoes and Peppers: Apply 1 to 4 pints per acre. When plants are well established. Repeat the application 1 to 2 times with an interval of 10 to 15 days as needed.

Pineapples: Apply 64 ounces per 100 gallons of water to established plantings as a foliar spray. Apply at 90-day intervals. Apply to tops, 2 weeks before harvest of planting material.

SPORTS TURF AND GOLF COURSES:

Cool and Warm Season Turf Grasses: 3-6 ounces / 1000 sq. ft. Apply 6 oz. every 14 days when environmental conditions favor turf stress. Apply 3 oz. every 21-28 days for maintenance. Apply in a minimum of 2 gallons of water per 1000 sq. ft.

Tees, Fairways, and Sports Turf: Apply 1 gallon per acre. Apply every 30 days during active growth period. When environmental conditions favor plant stress, apply every 14 days. Apply in a minimum of 100 gallons of water per acre.

Over Seeding, Sprigging, or Laying Sod: Apply 1 gallon per acre. Apply at time of germination, sprigging, or laying of sod and at 14-day intervals thereafter in a minimum of 6 ¼ gallons of water for each pint of StarWhite® until turf is well established.

CONFIFERS AND WOODY ORNAMENTALS:

Unrooted Cuttings: Apply ½ ounce per 1 gallon of water. Immerse the cuttings in solution for 1-2 minutes prior to planting.

Seedlings: Apply ½ ounce per 1 gallon of water. Apply as a foliar spray. Reapply every 14 days.

Transplanting: Apply ½ ounce per 1 gallon of water. Apply as a foliar spray to seedling tray prior to transplanting.

Container Production: Apply 6 pints per 100 gallons of water.

Apply as a foliar spray every 21 days. When environmental conditions favor plant stress, apply every 14 days.

Landscape Application: Apply 6 pints per 100 gallons of water. At time of transplanting, apply one quart of dilute solution to the root zone for each inch of trunk caliper.

TROPICAL FOLIAGE, BEDDING PLANTS & CUT FLOWERS:

Stock Plants: Apply ½ to ¾ ounces per gallon of water. Spray every 14-21 days to stock plants to increase vigor of flower stems, cuttings or air layer production.

Seedlings: Apply ½ to ¾ ounces per gallon of water. Apply as a foliar spray. Reapply every 14 days.

Interior Landscape: Apply ½ to ¾ ounces per gallon of water. Apply as a foliar spray every 30 days. When environmental conditions favor plant stress, apply every 14 days.

Container Production: Apply ½ to ¾ ounces per gallon of water. Apply as a foliar spray every 14-21 days. When environmental conditions favor plant stress, apply every 14 days.

Bedding Plants: Apply ½ to ¾ ounces per gallon of water. Apply as a foliar spray at time of planting. When environmental conditions favor plant stress apply every 14 days.

TREES NUTS:

Almonds, Macadamia Nuts, Pecans, Pistachios, Walnuts: Apply 1 to 4 pints per acre. Apply pre-bloom with subsequent applications at 30 to 90 day intervals as needed.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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/>) 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 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. 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 accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. makes no other warranty, express or implied, including but not limited to merchantability or fitness for a particular purpose. The buyer's or user's exclusive remedy for any injury, loss, or damage resulting from the handling or use of this product 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. 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.

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

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

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

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NET WEIGHT 66.00 LBS. (29.92 kg)

LIQUID MEASURE 2 x 2.5 US GALLONS (9.46 L)

Starphite 2-40*-16_Ca/AZ_J1413

product code: 1000176916