

N pHource® 42

15-42*-0

Foliar Nutrient

GUARANTEED ANALYSIS

Total Nitrogen (N)	15.0%
2.5% Ammoniacal Nitrogen	
12.5% Urea Nitrogen	
Total Phosphoric Acid (P ₂ O ₅)	42.0%

Derived from: Aqua ammonia, low biuret urea and phosphorous acid.

KEEP OUT OF REACH OF CHILDREN



WARNING

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing.

*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.



F1548

FOR AGRICULTURAL OR COMMERCIAL USE ONLY

Loveland
PRODUCTS

GUARANTEED BY:

LOVELAND PRODUCTS, INC. • PO BOX 1286 • GREELEY, CO 80632-1286

DENSITY 11.5 LBS/GALLON @ 68° F

NET WEIGHT 28.75 LBS (13.04 kg)

LIQUID MEASURE 2.5 US GALLONS (9.46 L)

NpHource 42 15-42-0_D1515

product code: XXXXXXXXXX

GENERAL INFORMATION

N PHOURCE® 42 is a high analysis foliar nutrient containing low biuret urea, phosphorous acid and aqua ammonia. It is specially formulated for foliar application, however, it may also be used in soil and irrigation applications. It may be applied alone or as a tank mix with pesticides. As with any nutrient product, when mixed with unfamiliar products, a test should be performed to verify compatibility.

N PHOURCE 42 is intended to supplement a well-balanced fertilizer program only. Applications through drip or micro-jet irrigation are acceptable, however, greater efficiency may be expected when making foliar applications during key growth stages.

CAUTION: Caution 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 mixing products for injection through an irrigation system. Be sure to use the appropriate safety procedures, safety equipment and injection equipment when applying any materials through an irrigation system or as a side dressing. User assumes full responsibility to ensure product, equipment and plant compatibilities.

IRRIGATION SYSTEM APPLICATIONS

Applications of **N PHOURCE 42** through irrigation systems can be substituted for foliar applications described above and can be applied through sprinkler or low volume irrigation systems. The specific injection equipment and irrigation system must conform to federal, state, and local regulations pertaining to the fertilization of plants through 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. For best results, apply toward the end of the irrigation cycle allowing for sufficient time for the product to be flushed out of the entire irrigation system before turning off the irrigation water.

DIRECTIONS FOR USE

Mix the desired amount of **N PHOURCE 42** in water before adding to the spray tank. With proper agitation running, add **N PHOURCE 42** to the spray tank. Add **N PHOURCE 42** to the spray tank before adding pesticides. Spray immediately after mixing. Do not store solution mixed with pesticides.

GENERAL APPLICATION RATES

Almonds, Pistachios: 2-4 pints/acre. 2-3 applications as required from post bloom to hull split.

Apples: 2-4 pints/acre. 2-3 applications starting at immediate post bloom through early sizing, including 14-21 days post harvest.

Broccoli, Cauliflower and other Brassica Varieties: 2-4 pints/acre. Apply as required based on desired color and growth.

Caneberries: 2-4 pints/acre. Apply pre-bloom with subsequent applications at 30-90 day intervals or as needed.

Citrus and Avocados: 2-4 pints/acre. Multiple applications as required.

Commercial Nursery and Herbaceous Ornamental Plants: 2-4 pints/acre per 100 gallons of water. Apply after transplanting and repeat applications throughout the growing season at 30-day intervals.

Cotton: 2-4 pints/acre. 2-3 applications from squaring to full boll development.

Cucurbits: Cucumber, Cantaloupe, Watermelon, Summer and Winter Squash and Pumpkin: 2-4 pints/acre. 2-3 applications from bloom through fruit sizing.

Dry Beans and Peas including: Kidneys, Pintos, Limas: 2-4 pints/acre. 2 applications, one each immediately pre-bloom and again 30-45 days later.

Grapes: 2-4 pints/acre. 2-3 applications from post shatter through early ripening.

Hops: 2-4 pints/acre. 3-4 applications from first runner through berry sizing as required.

Kiwi: 2-4 pints/acre. 2-3 applications from pre-bloom to full sizing.

Lettuce, Spinach and other Leafy Vegetables: 2-4 pints/acre. Apply as required based on desired color and growth.

Onions: 2-4 pints/acre. Multiple applications during growing season.

Pears: 2-4 pints/acre. 3 applications, one each at post bloom, 30-45 days pre-harvest, and 14-21 days post harvest.

Plums, Nectarines and Other Stone Fruit: 2-4 pints/acre. 2-3 applications starting at blossom drop to early color, including post harvest. Use lower rates when fruit begins to color.

Root and Tuber Vegetables: Carrot, Potato, Radish, Rutabaga, Sugar Beet, Sweet Potato, Turnip and Yams: 2-4 pints/acre per application. 2-3 applications during the season as required.

Strawberries: 2-4 pints/acre. 2 applications, one each at bloom and 21-30 days later.

Tomatoes and Peppers: 2-4 pints/acre. 2-3 applications from bloom to first color.

Turfgrass: 1-2 ounces per 1000 sq. ft. in a minimum of 2 gallons of water. Apply as required based on desired color and growth.

Walnuts: 2-4 pints/acre. 2-3 applications as required from catkin elongation until June 15th.

FOR AERIAL APPLICATION:

Use a maximum of 2 quarts of **N PHOURCE 42** per 10 gallons of water. Rates suggested are for standard spray volumes of 20-150 gal/acre. For higher volume sprays, rate should be adjusted.

DO NOT COMBINE WITH COPPER SPRAYS AS PHYTOTOXICITY CAN OCCUR

Use caution when applying to fruiting crops in combination with pesticides and/or surfactants. Use minimal effective rates of stickers during ripening. Do not use high analysis organo silicones or high analysis non-ionics during ripening. Avoid application to fruit at elevated temperatures (>95°F). Avoid applications to crops under environmental stress or pest pressure. Maximum effectiveness will be obtained when applied early in the morning or after dusk.

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.

Caution: Store **N pHource 42** in temperatures between 41° F to 104° F and avoid extreme variations in temperature.

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. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrcycle.org/> for 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.

N-pHource is a registered trademark of Crop Production Services, Inc.

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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