



# Sirius®

## 17-0-11

### Soil and Foliar Nutrient

#### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	17.00%
6.80% Urea Nitrogen	
10.20% Other Water Soluble Nitrogen*	
Soluble Potash (K <sub>2</sub> O).....	11.00%

Derived from: Urea-Triazone Solution, Potassium Phosphite, Potassium Acetate and Cotton Seed Meal.

\*10.20% Slowly Available Nitrogen from Urea-Triazone Solution.

#### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

- 5.00% Phosphorous Acid
- 2.00% Silica (SiO<sub>2</sub>) from Silicon Dioxide

### KEEP OUT OF REACH OF CHILDREN



## WARNING

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

**F1548**

**FOR COMMERCIAL OR PROFESSIONAL USE ONLY**

GUARANTEED BY:

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



**DENSITY 10.9 LBS/GALLON @ 68° F      NET WEIGHT LBS 27.25 (12.36 KG)**  
**LIQUID MEASURE 2.5 US GALLONS (9.46 L)**

## GENERAL INFORMATION

**Sirius®** is a supplemental nitrogen and potassium fertilizer derived from Potassium Phosphite, a product obtained when phosphorous acid is neutralized with potassium hydroxide. 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. The Nitrogen source is a unique blend of Urea-Triazone Solution, Urea, and slowly available Nitrogen from Urea-Triazone Solution.

NITROGEN PER 1000 SQ. FT.	AMOUNT TO APPLY PER 1000 SQ. FT.
0.10 lbs	6 oz/gallon of water
0.25 lbs	16 oz/gallon of water

## APPLICATION PRECAUTIONS

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.

## DIRECTIONS FOR USE

### CONIFERS AND WOODY ORNAMENTALS:

**Unrooted cuttings:** 2 ounces per gallon of water. Immerse the cuttings in solution for 1 to 2 minutes prior to planting.

**Seedlings:** 2 ounces per gallon of water. Apply as a foliar spray. Reapply every 14 days.

**Transplanting:** 2 ounces per gallon of water. Apply as a foliar spray to seedling tray prior to transplanting.

**Container Production:** 2 gallons per 100 gallons of water. Apply as a foliar spray every 14 to 21 days. Rotate with **SilStar® 0-0-26** when environmental conditions favor plant stress.

**Landscape Installations:** 1 gallon per 100 gallons of water. At time of transplanting, apply 2 gallons of dilute solution to the root zone for each inch of trunk caliper.

### TROPICAL FOLIAGE, BEDDING PLANTS & CUT FLOWERS:

**Stock Plants:** 2 ounces per gallon of water. Immerse cuttings in solution for 1 to 2 minutes prior to planting.

**Seedlings:** 2 ounces per gallon of water. Apply as a foliar spray. Make the first application 2 to 3 days after germination followed by 2nd application 7 days later. Thereafter, reapply every 14 days until plants are established. Reapply every 14 days.

**Container Production: Foliar Sprays:** Dilute 2 gallons per 100 gallons of water and apply every 14 to 21 days. Rotate with **SilStar 0-0-26** when plants are stressed.

**Drench Application:** Dilute 2 ounces per gallon of water and drench containers with only enough diluted solution to moisten throughout the root zone.

**Interior Landscape: Foliar Sprays:** Dilute 2 gallons per gallon of water and apply as a thorough foliar spray every 30 days.

**Drench Application:** Dilute 1 ounce per gallon of water and drench containers with only enough diluted solution to moisten throughout the root zone.

**Stressed Plant Recovery:** Move plant to a well-lighted area or holding nursery. Follow the dilution instructions above. Apply in 3 foliar applications 2 weeks apart.

**Landscape Installations:** 2 ounces per gallon of water. At time of transplanting, apply 2 gallons of diluted solution to the root zone for each one inch of trunk caliper.

**Warm season Turfgrass:** 4 to 8 ounces per 1,000 square feet. Apply every 7 to 14 days for maintenance. Rotate with **SilStar 0-0-26** when environmental conditions favor stress. Apply in a minimum of 2 gallons of water per 1,000 square feet.

**Cool season Turfgrass:** 4 to 6 ounces per 1,000 square feet. Apply every 7 to 14 days for maintenance. Rotate with **SilStar 0-0-26** when environmental conditions favor stress. Apply in a minimum of 2 gallons of water per 1,000 square feet.

**Fairways and Sports Turf:** 2 gallons per acre. Apply 2 gallons per acre every 30 days during active growth period. Apply in a minimum of 100 gallons if water per acre.

**Overseeding, Sprigging, or Laying of Sod:** 2 gallons per acre. Apply at time of germination, sprigging, or laying of sod and at 14-day intervals thereafter in a minimum of 100 gallons of water per acre until turf is well established.

#### 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 ABOVE 52° F. Shake well before using. 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 ACRS site (go to <http://www.aerecycle.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.

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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