

# Re-Nforce<sup>KS</sup>

## 15-0-12

### Foliar Fertilizer Solution containing TRIAZONE SRN, Potassium and Sulfur for Agricultural Crops

GUARANTEED ANALYSIS	
Total Nitrogen (N) .....	15.00%
6.00% Urea Nitrogen	
9.00% Other Water Soluble Nitrogen*	
Soluble Potash (K <sub>2</sub> O) .....	12.00%
Sulfur (S) .....	8.00%
8.00% Combined Sulfur (S)	

Derived from: urea, urea triazone and potassium thiosulfate.  
\*9.00% Slowly Available Nitrogen from Urea-Triazone Solution.

Chlorine, not more than .....1.00%

### KEEP OUT OF REACH OF CHILDREN



## WARNING

Avoid prolonged or repeated contact with eyes, skin and clothing. Chemical goggles or a full face shield should be worn. To protect skin wear appropriate protective equipment, such as rubber or plastic aprons, rubber gloves and boots. Avoid breathing mist or vapor. Keep containers closed. Wash thoroughly after handling. May cause gastrointestinal distress if swallowed.

### READ LABEL CAREFULLY

**DIRECTIONS FOR USE: RE-NFORCE<sup>KS</sup>** may be applied as a foliar spray application on all field and specialty crops to enhance growth and quality, correct nutritional deficiencies and help plants rebound from stressful conditions. **RE-NFORCE<sup>KS</sup>** may be applied as a concentrate or dilute solution by ground or aerial application. Apply with sufficient water to achieve adequate plant coverage especially during periods of low humidity and high temperature to achieve the maximum benefit of foliar fertilization. **RE-NFORCE<sup>KS</sup>** is compatible with most crop protection chemicals. In the absence of published data, Loveland Products, Inc. recommends testing for compatibility in all spray combinations by a simple jar test with appropriate concentrations. Care should be taken not to blend **RE-NFORCE<sup>KS</sup>** with highly acidic materials and materials containing a high level of free ammonia. Refer to the **RE-NFORCE<sup>KS</sup>** Application Guide for further use recommendations and Technical Data Information.

**NOTE:** When used as directed this product does not supply all nutrients required by plants and is to supplement a soil fertility program based on soil tests.

### VEGETABLES (RATE & TIME OF APPLICATION)

**Asparagus:** 6 - 10 qts/A beginning at mid-ferm development then at 14 to 21 day intervals.  
**Beans:** (Dry) multiple 2 - 4 qts/A apply late bud and early bloom.  
**Beans:** (green, lima) 4 - 6 qts/A early flower and repeat in 7 to 10 days.  
**Broccoli:** 6 - 10 qts/A first application after thinning then 3 weeks before head formation and repeat in 7 to 10 days.  
**Cabbage:** 6 - 10 qts/A first application after thinning then early head formation and repeat after 14 to 21 days.  
**Cantaloupes:** 6 - 10 qts/A early flowering and repeat in 7 to 10 days.  
**Carrots:** 4 - 6 qts/A when plants are 3 to 6 inches tall, repeat at 3 week intervals or as required.  
**Cauliflower:** 6 - 10 qts/A first application after thinning or transplant, other applications at early head set and repeat at 10 to 14 day intervals.  
**Celery:** 4 - 6 qts/A when plants are 8 to 12 inches tall and repeat at 10 to 14 day intervals.  
**Corn (Sweet):** 4 - 6 qts/A when plants are 12 to 24 inches high then at tassel emergence and repeat after pollination.  
**Cucumbers:** Single application 10 - 16 qts/A early fruit set. Multiple application: 4 - 6 qts/A early flower and repeat at 10 to 14 day intervals.  
**Eggplant:** 4 - 6 qts/A at bud stage and repeat at 10 to 14 day intervals.

Density: 11.75 lbs/gallon @ 68°F

**Net Contents: 275 gallons (1,041 L)**

**Net Weight: 3,231.25 lbs (1,465.67 kg)**

Product Code: 390304

**Lentils:** 2 - 4 qts/A early flowering and repeat at 10 to 14 day intervals.  
**Lettuce:** 4 - 6 qts/A after thinning then at early head formation and repeat at 10 to 14 day intervals.  
**Okra:** 4 - 6 qts/A at bud stage and repeat at 10 to 14 day intervals.  
**Onions:** 2 - 6 qts/A mid-set development and repeat at 14 to 21 day intervals.  
**Peas (dry):** 2 - 6 qts/A apply late bud stage, early bloom.  
**Peas (green/fresh):** 2 - 6 qts/A apply late bud stage, early bloom. Repeat every 7 days through pod set.  
**Peppers:** 4 - 6 qts/A early fruit set and repeat at 10 to 14 day intervals.  
**Spinach:** 6 - 10 qts/A when sufficient foliage is present and repeat at 14 to 21 days.  
**Squash:** 6 - 10 qts/A early fruit set and repeat at 10 to 14 day intervals.  
**Tomatoes (Process):** Single application: 10 qts/A apply 10 to 14 days after full bloom. Multiple application: 4 - 6 qts/A at full bloom and repeat at 10 to 14 day intervals until 2 weeks before harvest.  
**Tomatoes (Fresh):** Single application: 10 qts/A. Apply 10 to 14 days after full bloom. Multiple application: 4 - 6 qts/A at full bloom and repeat at 10 to 14 day intervals until harvest is near completion.  
**Watermelons:** 6 - 10 qts/A early flowering and repeat in 7 to 10 days.  
**Other Crops:** 4 - 6 qts/A when sufficient foliage is present try on a small area until more experience and trials have been completed to determine if higher rate is desirable.

### FERTIGATION

**SPRINKLER IRRIGATION** - Beginning at the 3rd to 4th leaf stage, apply 2 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.  
**DRIP IRRIGATION** - Apply 1 to 5 gallons per acre per application 3 to 6 times during the growing season as needed.

### FRUITS & NUTS (RATE & TIME OF APPLICATION)

**Almonds:** 6 - 10 qts/A full leaf. Repeat at early nut expansion.  
**Apples:** 2 - 4 qts/A apply in a minimum of 100 gallons of water spray solution. Begin at first full leaf and apply as needed during the growing season.  
**Apricots:** 2 - 4 qts/A prior to fruit set.  
**Blueberries:** 6 - 10 qts/A early fruit set and repeat at early fruit color.  
**Caneberries:** 4 - 6 qts/A prior to fruit set.  
**Cherries:** 2 - 4 qts/A apply in a minimum of 100 gallons of water per acre. For best results apply from full bloom to fruit formation.  
**Citrus:** 6 - 10 qts/A early bloom and repeat after fruit set. Winter rate: 12 - 30 qts/A apply in mid-January and repeat as necessary.  
**Cranberries:** 4 - 6 qts/A hook stage and repeat after fruit set.  
**Filberts:** Single application: 10 - 16 qts/A early nut filling. Multiple application: 4 - 6 qts/A early leaf expansion and repeat at 14 to 21 day intervals.  
**Grapes, Table:** 2 - 4 qts/A prior to fruit set.  
**Grapes, Raisin:** 2 - 4 qts/A when sufficient foliage is present. Repeat as needed.  
**Grapes, Wine:** 2 - 4 qts/A when sufficient foliage is present. Repeat as needed.  
**Olives:** 4 - 6 qts/A early fruit development and repeat as needed.  
**Peaches, Nectarines:** 6 - 10 qts/A prior to fruit set.  
**Pears:** 4 - 6 qts/A prior to fruit set or post-harvest.  
**Pecans:** 4 - 6 qts/A full leaf. Repeat at early nut expansion.  
**Plums:** 6 - 10 qts/A. Prior to fruit set.  
**Prunes:** 2 - 4 qts/A full leaf. Repeat as needed.  
**Strawberries:** 2 - 3 qts/A early flowering and repeat every 14 days through harvest. Initiate fall application when new growth reaches 3 inches in height.

**RE-NFORCE<sup>KS</sup>** may be applied in a concentrate spray (50 to 100 gallons of water) or dilute spray (200 to 400 gallons of water). Contact your local dealer on dilution rates less than 50 gallons per acre.

### FIELD CROPS (RATE & TIME OF APPLICATION)

**Alfalfa:** 4 - 6 qts/A apply after each cutting when sufficient foliage is present.  
**Canola:** 2 - 4 qts/A apply just prior to bolting.  
**Corn Field:** 4 - 6 qts/A when plants are 12 to 24 inches high, then at tassel emergence and repeat after pollination.  
**Seed:** 4 - 6 qts/A before detasseling and repeat after pollination.  
**Cotton Seeding:** 3 - 4 qts/A after first true leaves appear. After seedling stage: 2 - 4 qts/A may be applied in combination with crop protection chemicals and growth regulators.  
**Boll development:** 4 - 12 qts/A early boll formation and repeat at 14 to 21 day intervals.  
**Flax:** 6 - 10 qts/A early boll development.  
**Grain Sorghum:** 4 - 6 qts/A after pollination.  
**Grass:** (Seed Production) 10 - 16 qts/A seed head elongation.  
**Hops:** 4 - 6 qts/A before cone development.  
**Peanuts single application:** 10 - 16 qts/A early pod development. Multiple application: 4 - 6 qts/A early bloom and repeat at 14 to 21 day intervals until pods are filled.  
**Potatoes multiple application:** 2 - 6 qts/A apply at tuber initiation through bulking. Repeat as needed.  
**Rice:** 6 - 10 qts/A panicle initiation. Repeat as required.  
**Small Grains:** 6 - 10 qts/A tiller to seed head formation.  
**Soybeans:** 4 - 6 qts/A early flower and repeat in 14 to 21 days.  
**Sugar Beets:** 10 to 12 leaf and repeat at 20 leaf stage.  
**Sunflower:** 4 - 6 qts/A when outer seeds start to fill, repeat in 10 to 14 days.

Density: 11.75 lbs/gallon @ 68°F

**Net Contents:                   gallons (                   L)**

**Net Weight:                   lbs (                   kg)**

Product Code: 390289

**Sweet Potatoes:** 4 - 6 qts/A tuber initiation and repeat at 10 to 14 day intervals.  
**Tobacco:** 6 - 10 qts/A plant bed stage to near maturity as needed to maintain crop growth and quality.

**FERTIGATION CENTER PIVOT** - Apply 3 to 5 gallons per acre per application as needed based on crop requirements.  
**DRIP IRRIGATION** - Apply 3 to 5 gallons per acre per application 3 to 6 times during the growing season as needed.  
**SPRINKLER IRRIGATION** - Beginning at the 3rd to 4th leaf stage, apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements.  
**CHRISTMAS TREES ORNAMENTAL AND NURSERY STOCK (RATE & TIME OF APPLICATION) FOLIAR:** 4 - 6 qts/A when sufficient foliage is present. Ornamental and nursery stock vary widely in growth habit and leaf texture. Some varieties are more susceptible to leaf or tip burn than others. It is recommended that the user apply a diluted solution to a few plants and observe for a week before general applications are made. **RE-NFORCE<sup>KS</sup>** may be applied in a concentrate spray (50 to 100 gallons of water) or dilute spray (200 to 400 gallons of water) per acre. Contact your local dealer on dilution rates less than 50 gallons per acre. A rate of 6 qts./acre is equivalent to 4.41 oz./100 square foot.

### Mixing Procedures When Tank Mixing RE-NFORCE<sup>KS</sup>

- Add 1/2 of total water to spray tank
- Start circulating material in tank
- Add recommended amount of **RE-NFORCE<sup>KS</sup>**
- Add compatible micronutrients
- Add flowable materials
- Add emulsifiables
- Add any soluble powders and/or water soluble fertilizers. All should be pre-dispersed in water before adding to the spray tank solution.
- Complete filling of spray tank to desired volume and continue circulating prior to spray application.
- Flush all spray and nurse equipment after usage.

### 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 on Skin:** 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 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 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.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.**

### 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. Completely empty container into application equipment. Thoroughly rinse container, adding rinse water to the spray tank.  
**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.**

Before handling this product, consult the Safety Data Sheet for handling, safety and first aid information. Follow directions carefully, including precautions for safe handling.

### 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.

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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