

Re-Nforce K

5-0-20

A Nitrogen and Potassium Fertilizer Solution Containing Sulfur for Application to Agronomic Crops

GUARANTEED ANALYSIS

Total Nitrogen (N)	5.0%
3.33% Urea Nitrogen	
1.67% Other Water Soluble Nitrogen*	
Soluble Potash (K ₂ O)	20.0%
Sulfur (S)	13.0%
13% Combined Sulfur (S)	

Derived from: urea, urea triazone and potassium thiosulfate.

*1.67% slowly available nitrogen from urea-triazone solution.

Chlorine, not more than

1.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

F1548



Density: 11.70 lbs/Gallon @ 68°F

Net Contents: 2.5 Gallons (9.46 liters)

Net Weight: 29.25 lbs. (13.27 kg)



READ LABEL CAREFULLY PRECAUTIONARY STATEMENTS

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.

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.

HANDLING AND STORAGE: Minimize skin exposure. Store mini-bulks and smaller containers out of the sun in an area of moderate temperature. Do not re-use containers. Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. Do Not store at temperatures below 0°F., as crystallization may occur. Dispose of containers in accordance with local regulations and requirements.

IN CASE OF SPILL: Contain spill and maximize recovery. Keep spill out of water sources. Exercise caution in area of spill for slippery conditions. Dispose of spilled material in accordance with regulatory requirements.

PHYTOTOXICITY: Plant and leaf injury may occur on some crops when certain weather and growing conditions are present. The user assumes all risks of use and handling. Before handling this product, consult the Material Safety Data Sheet for handling, safety and first aid information. Follow directions carefully, including precautions for safe handling. For the Prevention and Correction of Nitrogen and Potassium Deficiency in Crops and Ornamentals.

GENERAL INFORMATION

Re-Nforce® K is a clear liquid solution, containing 5% N, 20% potash (K₂O) and 13% sulfur (S). Each gallon of **Re-Nforce K** contains .58 pounds of nitrogen, 2.34 pounds of potash (K₂O) and 1.52 pounds of sulfur. **Re-Nforce K** may be applied by drip, sprinkler, or flood irrigation. It may be blended with other fertilizers or applied as a foliar treatment on selected crops. When used as a foliar fertilizer, **Re-Nforce K** should first be diluted with water before applying. Blends of **Re-Nforce K** should not be acidified below a pH of 6.0. **Re-Nforce K** is compatible with urea solutions in any ratio. When blending with micronutrients and pesticides, trial blends should be conducted before beginning large scale mixing. When mixing other liquid fertilizers and/or pesticides with **Re-Nforce K**, the blend sequence should be as follows: water, pesticide, **Re-Nforce K** and/or other fertilizer.

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.

GENERAL APPLICATION AND USE RECOMMENDATIONS

Re-Nforce K may be applied to a wide variety of agricultural crops. Potassium requirements for most crops increase dramatically during periods of rapid growth and fruit development. Application of **Re-Nforce K** should be made based on soil and/or plant tissue analysis for potassium.

FOLIAR FERTILIZER APPLICATION

Application rates are only for the crops listed below. For recommendations regarding crops not listed, contact your local fluid fertilizer dealer or your Loveland Products, Inc. representative. **Re-Nforce K** may be applied by ground or air. By air, apply 2 to 5 quarts of **Re-Nforce K** per acre in 3 to 10 gallons of water spray solution. For ground application, apply 2 to 6 quarts of **Re-Nforce K** per acre. **Canola:** 2 to 4 quarts per acre at bud to bolting stage. **Corn:** Apply **Re-Nforce K** just prior to tasseling and second application in 7 to 10 days. **Cotton:** 1½ to 2 gallons, early bloom and repeat at 7 to 10 day intervals for up to 4 applications. **Cucumber:** 1½ to 2 gallons, flower initiation, repeat on 10 to 14 day intervals. **Dry Beans:** ½ to 1 gallon, early bloom. **Potatoes:** 2 to 3 gallons, tuber initiation, apply second application in 2 to 3 weeks and third application at tuber bulking. **Rice:** 1½ to 2 gallons, panicle initiation. **Small Grains:** Apply **Re-Nforce K** at tillering to early boot stage. **Soybeans:** 1½ to 2 gallons, early pod development. **Sugar Beet:** 1½ to 2 gallons, prior to row canopy closing. **Tobacco:** Apply **Re-Nforce K** just prior to tasseling and second application in 7 to 10 days (Do not use with alcohol-based sucker control products). **Alfalfa:** Apply at crown green up or on regrowth after cutting. **Peas and Lentils:** Apply during late bud to 10% bloom. **Tomatoes:** Begin at fruit set, apply every 7 to 14 days. **Apples, Apricots, Almonds, Citrus, Pecans:** Apply **Re-Nforce K** at 2 to 6 quarts per acre in a minimum of 100 gallons of water spray solution. Begin application at first full leaf and apply as needed during the growing season. For concentrated sprays of less than 100 gallons per acre, reduce the rate of **Re-Nforce K** to stay within the recommended solution ratio (i.e., 50 gallons of water per acre equals 1 to 3 quarts of **Re-Nforce K** per acre). **Vines:** Begin 2 weeks after bloom. Apply 2 to 4 quarts of **Re-Nforce K** per acre in a minimum of 50 gallons of water. Repeat treatment in 7 to 10 days.

FERTIGATION FLOOD AND FURROW IRRIGATION

Trees and Vines: Apply 10 to 15 gallons of **Re-Nforce K** per acre per application beginning at full leaf, schedule as needed.

Vegetable and Row Crops: Apply 10 to 15 gallons of **Re-Nforce K** per acre per application, make second application based on crop requirements.

SPRINKLER IRRIGATION: Trees (Under): Apply 5 to 15 gallons per acre per application every 10 to 14 days based on crop requirements.

Trees (Overhead): Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements. **Vines:** Apply 3 to 5 gallons per acre per application every 10 to 14 days based on crop requirements. **Vegetable and Row Crops:** Beginning at the 3rd to 4th leaf stage, apply 3 to 10 gallons per acre per application every 10 to 14 days based on crop requirements. After injection, allow enough irrigation time to rinse the plants of any residual fertilizer.

CENTER PIVOT: Vegetable and Row Crops: Apply 3 to 5 gallons of **Re-Nforce K** per acre per application as needed based on crop requirements.

DRIP IRRIGATION: Young Trees and Vines: 3 to 10 gallons per acre during the season when roots are actively growing. **Mature Trees and**

Vines: 5 to 15 gallons per acre per application 1 to 2 times during the season when roots are actively growing. **Vegetable and Row Crops:** 3 to 5 gallons per acre per application 2 to 4 times during the growing season.

CAUTION (Application)

Do Not apply **Re-Nforce K** to foliage of crops sensitive (foliar burn) to sulfur. Do Not apply **Re-Nforce K** with oil sprays. Be sure to check other manufacturer's labels concerning oil treatment spray guidelines and foliar nutrient applications containing sulfur. Do Not apply to foliage of any crop when temperatures are above 90° F. Apply **Re-Nforce K** early morning or late evening. When mixing **Re-Nforce K** or any liquid fertilizer with pesticides always keep agitators running during filling and spraying operations. Failure to maintain agitation may cause separation of products resulting in uneven spray application. Do Not apply **Re-Nforce K** with knife injectors or other types of fertilizer injecting equipment that may cause root pruning. Sprinkler application of **Re-Nforce K** and other liquid fertilizers over an established crop may cause foliar injury to a crop if: injection period is short enough to cause an excessive amount of fertilizer to accumulate on the leaves, temperatures are above 90° F and humidity less than 30%, fertilizer rates are higher than recommended, irrigation pump breaks down during or immediately after injecting fertilizer, and /or any combination of these conditions. Crop injury may result from unusual weather conditions, failure to follow label directions, or improper application practices all of which are out of control of the manufacturer or seller. The directions on this label are believed to be reliable and should be followed carefully.

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

Re-Nforce is a registered trademark of Loveland Products, Inc.



GUARANTEED BY:

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