

# SRN-50™

## 30-00-00

Slow Release Non-Burning Nitrogen

### GUARANTEED ANALYSIS

Total Nitrogen (N) . . . . . 30.00%  
 15.0% Urea Nitrogen  
 15.0% Other Water Soluble Nitrogen\*

Derived From: Urea and Urea-Triazone

\*15.0% Slowly Available Nitrogen from Urea-Triazone as determined by AOAC Method 2003.14

### TECHNICAL DATA

Pounds Per Gallon: 10.5  
 Gallons Per Ton: 190.48  
 Pounds Nitrogen Per Gallon: 3.15  
 Specific Gravity, 70°F: 1.257  
 pH: 8-10  
 Salting-Out Temperature, °F: <10 Deg. F  
 Freezing Point, °F: <0

### GENERAL INFORMATION

SRN-50 is a non-burning, clear nitrogen solution containing a mixture of both controlled and quick release forms of nitrogen. When applied to turf, it delivers a quick green up while providing sustained and non-surge growth. Originally formulated as a non-burning turf fertilizer, SRN-50 has proven to be a versatile product in applications where a special source of liquid nitrogen is required.

### PRECAUTIONS

Use of this product in accordance with label directions is not expected to adversely affect normal vegetative and/or reproductive growth in most situations.

SRN-50 is most effective when plants are growing rapidly and least effective when dormant or suffering from stress. Do not apply when temperatures exceed 90°F or when plants are under stress conditions due to excessive heat or lack of moisture. In an effort to reduce the risk of crop injury, apply early morning or late evening.

**NET CONTENTS: 30 GALS.**  
**NET WEIGHT: 316 LBS. (0.158 TNS)**

(Product is sold by weight not volume.)

### GENERAL RECOMMENDATIONS

SRN-50 contains urea nitrogen for immediate response as well as Urea-Triazone for the gradual release of nitrogen. SRN-50 may be applied as a foliar spray or direct to the soil as a band, sidedress or injected through irrigation system; sprinkler, drip or center pivot. SRN-50 can be applied in its concentrated form, or can be diluted with water.

**FIELD CROPS:** (corn, soybeans, edible beans, sorghum, and cotton) Apply 3 to 10 qts. per acre by ground. Apply 4 to 6 weeks after planting or when deficiency symptoms first appear. For aerial application, use 1 to 2 qts. per acre in a minimum of 3 gallons of water.

**VEGETABLE CROPS:** Apply 3 to 8 qts. per acre. Application should be made early in the growing season. This treatment should be repeated if crops continue to show deficiencies. Avoid spraying during bloom periods.

**ORCHARD CROPS:** (apples, pears, pecans, citrus) Apply 2 to 6 qts. per acre pre-bloom. Application should be repeated every 2-4 weeks until 30 days prior to harvest.

**SMALL GRAINS:** (wheat, oats, barley) Apply 3 to 8 qts. per acre in adequate water to assure thorough coverage. First application at tillering. Second application 14 to 21 days after application. For best results, spray when the crop is in an active state, after irrigation or rainfall.

**RICE:** Apply 4 to 8 qts. per acre, apply at panicle emergence.

**SUGARCANE:** Apply 3 to 8 qts per acre, when sufficient foliage is present.

### ORNAMENTALS

**ANNUAL AND PERENNIAL FLOWERS:** Apply appropriate amount of SRN-50 according to the nitrogen chart below. Apply in a minimum of 5 gallons of water per 1000 sq. ft. For smaller quantities, mix 2 oz. of SRN-50 per gallon of water.

**SHRUBS AND VINES:** Mix 2 qts. with water and spray to the point of runoff. For smaller quantities, mix 2 oz. per gallon of water.

**TREES AND LARGE WOODY SHRUBS:** Apply 1 pound of nitrogen per 1000 square feet under canopy. Inject 3" to 6" below the soil surface.

**TURF:** SRN-50 may be used on all turf grasses. Apply according to the amount of nitrogen desired by using the chart below.

**NOTE:** A lawn will typically utilize 1 to 4 lbs. of nitrogen per 1,000 sq. ft. each growing season. Use this product in conjunction with an additional fertilization program to provide at least 1 lb. of nitrogen per 1,000 sq. ft. each growing season. On centipede grass, do not apply with other fertilizers, pesticides or specialty products when temperatures can exceed 90°F.

### RATE OF SRN-50 FOR DIFFERING NITROGEN AMOUNTS

Application Spray (Rate Per 1000 Sq. Ft.)	Gallons of SRN-50 Required Per 100 Gallons of Spray Solution						
	.1 Lb. N	.2 Lb. N	.3 Lb. N	.4 Lb. N	.5 Lb. N	.75 Lb. N	1 Lb. N
1 Gallon	3.17	6.35	9.52	12.7	15.87	23.81	31.75
2 Gallons	1.59	3.17	4.76	6.35	7.94	11.9	15.87
3 Gallons	1.06	2.12	3.17	4.23	5.29	7.94	10.58
4 Gallons	0.79	1.59	2.38	3.17	3.97	5.95	7.94
5 Gallons	0.63	1.27	1.9	2.54	3.17	4.76	6.35

### COMPATIBILITY

SRN-50 can be mixed with most pesticides when mixing is done in the following order: (1) 1/2 of the water (turn on circulation); (2) SRN-50; (3) flowable materials; and (4) wettable powders. Always determine compatibility with other fertilizer and/or pesticides by use of jar test before tank mixing.

**NOTE:** For fertilizer application rates suitable for your geographical area or the maximum allowable non-nutrient application rates per acre, consult a trained soil specialist (local horticulturist) or contact the manufacturer or distributor listed below.



### PRECAUTIONARY STATEMENTS

May cause eye or skin irritation. Maybe harmful if swallowed. Wash hands thoroughly after handling. Wear eye and face protection. Do not breathe mist. Dispose of contents/container in accordance with Federal, state and local regulations. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected.

### FIRST AID

Eye Contact - flush eyes with running water for at least 15 minutes. Skin Contact - wash from skin with soap and water. Ingestion - dilute with water or milk. If necessary, induce vomiting only when victim is conscious. Call a physician. Get medical attention if you feel unwell.

### KEEP OUT OF REACH OF CHILDREN



### WARNING

Causes serious eye irritation. May cause skin irritation after prolonged exposure.

**FOR CHEMICAL EMERGENCIES CALL:  
 CHEMTREC 1-800-424-9300**

**LIMITS OF WARRANTY:** MEARS FERTILIZER, INC. and seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on such label only when used in accordance with the directions under normal use conditions. Except as specifically stated below, NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, ARE MADE WITH RESPECT TO THE PRODUCT OR ITS USE, AND NO AGENT OF THE MANUFACTURER OR OF THE SELLER IS AUTHORIZED TO DO SO.

Buyer and user of this product assume all responsibility for handling, storage and use not in accordance with directions. It is impossible to eliminate all risks inherently associated with the use of the product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond manufacturer's and seller's control. In no case shall the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

**Distributed and Guaranteed By:**

Mears Fertilizer, Inc. - P.O. Box 1271  
 El Dorado, KS 67042 - Phone: (800) 345-9143

**PN# CLCSR5030**

**LOT # Sample Label**

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