

SRN-50™

30-00-00

Slow Release 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.

Bulk

Item No: LC30000NBN

Lot No: Sample Label

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.

Use in accordance with recommendations of a qualified individual or institution such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.



FIRST AID

Product users should wash thoroughly after using or handling this product. In case of **eye contact**, flush eyes with running water for at least 15 minutes. Get medical attention if irritation persists. In case of **skin contact**, wash from skin with soap and water. Keep out of cuts or open wounds. In case of **ingestion**, dilute with water or milk. If necessary, induce vomiting only when victim is conscious. Call a physician or Poison Control Center immediately in cases of suspected poisoning.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

STORAGE, HANDLING AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage** Store mini-bulks and small containers out of direct sunlight in an area of moderate temperature. Do not store where children or animals may gain access. **Handling:** Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. **Container Disposal:** Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, the Warranty Disclaimer and Limitation of Liability before using this product. By using this product, user or buyer accepts the following Warranty Disclaimer and Limitation of Liability.

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.

In the event of an emergency: Notify ChemTrec Toll Free at (800) 424-9300.

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