



# NACHURS SRN®

Premium Liquid Foliar Fertilizer



### NUTRIENTS SUPPLIED (pounds per gallon):

Total Nitrogen (N)..... 2.99

Derived from: urea-triazone solution.

72% of the total nitrogen found in NACHURS SRN fertilizer is Slow Release Nitrogen.

### PRODUCT PROPERTIES:

Analysis:..... 28-0-0

Weight:..... 10.7 lbs. per gallon

Specific gravity:..... 1.28 kg/L

pH:..... 9.8-10.5

Appearance:..... Translucent liquid

### GENERAL PRODUCT INFORMATION:

NACHURS SRN liquid fertilizer functions as an efficient source of Nitrogen at critical growth stages in field crops, vegetables, turf and fruits. NACHURS SRN liquid fertilizer may be soil applied, foliar sprayed or injected through irrigation systems including drip. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve overall quality. 72% of the total nitrogen in this product is in the slow release form; this allows the nitrogen release to be matched with the crops needs.

**FIRST AID:** Please see SDS sheet for more information, call (800) 622-4877 or visit us online at [www.nachurs.com](http://www.nachurs.com).

#### KEEP OUT OF REACH OF CHILDREN.

This product is not intended for long-term storage; use within six (6) months for best results. Due to the unpredictable storage stability of the slow release nitrogen molecule, Nachurs Alpine Solutions will not warrant product quality or performance in excess of six (6) months from date of purchase.

\*These are general product recommendations. Please consult with your authorized NACHURS distributor or agronomist for specific fertility recommendations. These recommendations are believed to be reliable and should be followed carefully. Failure to follow label directions or improper application practices, all of which are out of control of the manufacturer or seller, can result in plant or leaf damage. 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 NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. NACHURS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

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### RECOMMENDED APPLICATION RATES:

#### Field Crops:

**Alfalfa** – Apply 1 to 2 gal/a after each cutting when sufficient foliage is present.

**Canola** – Apply 1 to 2 gal/a prior to bolting.

**Cereal and Small Grains** – Apply to 2 gal/a at tillering through flag leaf.

**Corn (Field)** – Apply 2 gal/a on the young plant when sufficient foliage is present. Apply 1 to 2 gal/a at tasseling and again after pollination.

**Corn (Seed)** – Apply 2 gal/a before detasseling or anytime a crop protection product is used.

**Corn (Sweet)** – 1 to 2 gal/ac when plants are 12 to 24 inches tall, then at tassel emergence and repeat after pollination.

**Cotton** – Apply 1 to 2 gal/a anytime additional nitrogen is needed.

**Grain Sorghum** – Apply 1 to 2 gal/a anytime additional nitrogen is needed or with a crop protection product.

**Potatoes** – Apply 2 gal/a at early tuber initiation and again as additional nitrogen is needed.

**Soybeans** – Apply 1 to 2 gal/a at the R4 to R6 growth stage or anytime with glyphosate.

**Sugar Beets** – Apply 2 gal/a at both the 10th leaf stage and the 20th leaf stage.

**Sunflowers** – Apply 1 to 2 gal/a to stimulate early plant growth and again at seed fill. May be used with an insecticide application.

**Wheat (Winter)** – Apply 1 to 2 gal/a as a top-dress and again at flag leaf stage. **(Spring)** – Apply 1 to 2 gal/a anytime prior to flag leaf and again at grain fill to boost protein.

**Check with your NACHURS Agronomist or Sales Manager for rates on other field crops.**

#### Vegetable Crops:

**Beans (Snap, Green, Lima)** – Apply 1 to 2 gal/a at early pod fill.

**Broccoli, Brussel Sprouts, Cabbage and Cauliflower** – Apply 1 to 2 gal/a prior to head formation.

**Cucumbers, Squash and all Melons** – Apply 1 to 2 gal/a at early bloom. Crop protection products anytime an application is needed.

**Legumes** – Apply 1 to 1 ½ gal/a at flowering then every 14 days after.

**Lettuce** – Apply 1 to 2 gal/a at early head formation.

**Onions and Garlic** – Apply 1 to 2 gal/a at 12 inch height then again at bulb fill.

**Peas** – Apply 1 to 2 gal/a at early flowering then again every 14 days after.

**Peppers** – Apply 1 to 2 gal/a at early fruit development.

**Spinach** – Apply 1 to 2 gal/a once sufficient foliage is established then every 14 days after.

**Tomatoes** – Apply 2 gal/a at full bloom.

**Check with your NACHURS Agronomist or Sales Manager for rates on other vegetable crops.**

#### Turf:

Recommended rates are from .25 lbs. to 1 lb. nitrogen/1000 sq ft per application. Use 3 to 5 gallons of water per 1000 sq ft as a carrier.

APPLICATION CHART FOR NACHURS SRN® liquid fertilizer ON TURF	
(128 ounces = 2.97 lbs. Nitrogen)	
Ounces of NACHURS SRN®	Lbs. Nitrogen
11 oz	¼ lb.
16 oz	1/3 lb.
22 oz	½ lb.
28 oz	2/3 lb.
33 oz	¾ lb.
44 oz	1 lb.

#### Trees and Shrubs:

Apply 1 lb. of nitrogen per 1000 sq ft either soil injected or flood – applied. Make 2 applications per year.

#### Ornamental and Container grown PLANTS:

Apply ½ to 2 gal/a through the irrigation system or as a soil drench. Repeat every 6-8 weeks.

#### Sprinkler Irrigation including Center Pivot:

Apply up to 4 gal/a per application depending on crop demand. For center pivot application set on lowest water setting possible.

#### Drip Irrigation:

Apply up to 4 gal/a per application during active root growth. Check for compatibility if using with other fertilizer.

### Product Advantages:

- Foliar or soil applied
- Contains 28% total nitrogen of which 72% is slowly available
- Very low salt index
- Excellent storability
- Non burning and non corrosive
- May be mixed with other fertilizers
- Apply aerial at low volumes – may be applied diluted with water or undiluted

### Agronomic Advantages:

- The most efficient form of nitrogen available
- Provides slow even release of nitrogen for a period of 30 days when foliar applied
- Reduces leaching and volatilization
- Provides excellent foliar absorption
- May be used as a carrier for crop protection chemicals

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## NACHURS® SRN GENERAL RECOMMENDATIONS



### EARLY APPLICATIONS FOR SEEDED CROPS

Applications of NACHURS SRN liquid fertilizer early in the plant's life can encourage development, increased growth, vigor, and yield potential. NACHURS SRN liquid fertilizer may effectively be applied to the young plant starting when adequate foliage is present to allow for good coverage and continuing whenever additional nitrogen is needed.

### FOLIAR APPLICATION

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS SRN liquid fertilizer provides available slow release nitrogen to make a good crop even better or it can supply a deficient, stressed crop the proper nitrogen for a quick recovery.

NACHURS SRN liquid fertilizer is manufactured with the highest quality raw materials on the market today to maximize foliar absorption. NACHURS SRN liquid fertilizer can also be safely mixed with most insecticides, herbicides, and fungicides to help maximize yield potential (please follow proper mixing instructions).

**For more specific foliar guidelines, consult with your authorized NACHURS Dealer or NACHURS District Sales Manager for fertility recommendations.**

### MIXING INSTRUCTIONS

NACHURS liquid fertilizers can mix with many crop production products. Some non-100% EDTA chelates may not be compatible.

- In a small container prior to full scale mixing, proportionally mix all the components to confirm compatibility.
- Thorough mixing of all blends is important.
- Temperature and storage time can influence the degree of success.
- Mix only the amount that will be immediately used.
- Long-term storage is not suggested.

### MIXING PROCEDURE

- Add ½ of total water to spray tank
- Start recirculation in the tank
- Add flowable materials
- Add any soluble powder first pre-mixing with water
- Add the recommended amount of **NACHURS SRN** liquid fertilizer
- Add Micronutrients
- Add remaining water volume and continue recirculation prior to spraying

### STORAGE REQUIREMENTS

Storage in poly, fiberglass, stainless, or lined/coated steel tanks to prevent possible product discoloration. Storage in flat bottom tanks is recommended during winter months. Bubble, recirculate, and/or agitate material before usage in all instances. Material stored in cone bottom tanks (although not recommended) will require longer recirculation after winter to regain product consistency.

**DO NOT STORE OR TRANSPORT ANY PRODUCT IN ALUMINUM, OR GALVANIZED STEEL TANKS.**

### THE FOLLOWING CONDITIONS MUST BE OBSERVED IN ORDER TO APPLY NACHURS LIQUID FERTILIZER FOR FOLIAR APPLICATIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE PLANTS.

- DO use **NACHURS SRN** liquid fertilizer under conditions of optimum plant growth including highest humidity, moderate temperature and adequate soil moisture.
- DO use sufficient water to provide thorough coverage.
- DO consult with your local NACHURS Agronomist or Sales Manager to determine pesticides which are compatible with **NACHURS SRN** liquid fertilizer.
- DO consult your local NACHURS Agronomist or Sales Manager for rate and application instructions.
- DO use a small jar or container prior to full scale mixing to proportionally mix all the components to confirm compatibility.
- DO NOT use when the crop is under stress from pests, heat or inadequate soil moisture.
- DO NOT apply during the heat of the day.

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