

NACHURS SRN

NUTRIENTS SUPPLIED (pounds per gallon):

Total Nitrogen (N)..... 2.99
 Urea Nitrogen..... 0.83
 Slow Release Water Soluble Nitrogen..... 2.16

Derived from: urea-triazone solution.

PRODUCT PROPERTIES:

Weight: 10.7 lbs. per gallon
 Specific gravity: 1.29 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.

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

FIRST AID: Please see MSDS sheet for more information, call (800) 622-4877 or visit us online at www.nachurs.com.

SELLER WARRANTS THAT THE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION. THIS EXPRESS WARRANTY EXCLUDES AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE HEREBY EXPRESSLY DISCLAIMED. IN ANY EVENT, IT IS EXPRESSLY AGREED THAT LIABILITY OF SELLER SHALL BE LIMITED SOLELY TO THE AMOUNT OF THE PURCHASE PRICE OF THE PRODUCT. THIS REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER AND ALL OTHER PERSONS FOR ANY SUCH LOSS. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES SUSTAINED BY THE BUYER OR ANY OTHER PERSON. HAS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL OF THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED NACHURS DISTRIBUTOR OR AGRONOMIST FOR SPECIFIC FERTILITY RECOMMENDATIONS.



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product recommendations • • • • •

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.
- LENTILS** – 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 1 to 3 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.



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NACHURS 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 distributor or agronomist 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.

NACHURS programs offer the following foliar products: micronutrients, N-P-K fertilizers, and slow release nitrogen products.

MIXING PROCEDURE

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



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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.