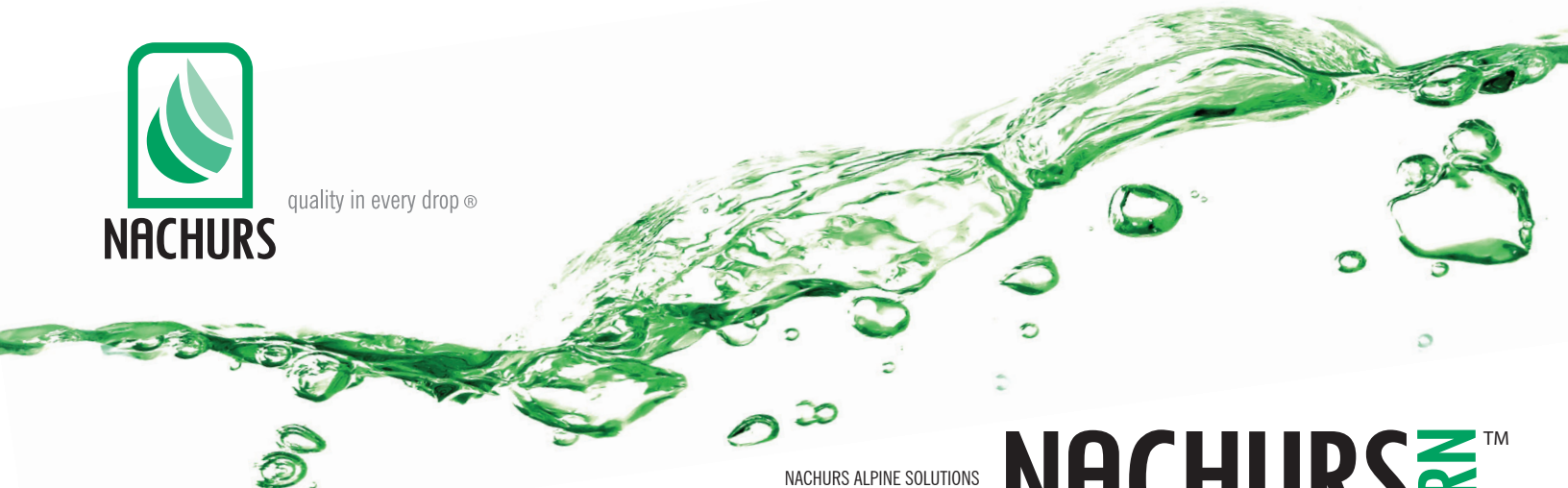




quality in every drop®



NACHURS ALPINE SOLUTIONS
421 LEADER STREET
MARION, OH 43302
(800) 622-4877

NACHURS SRN™

28-0-0 WITH 72% SLOW RELEASE NITROGEN

PRODUCT INFORMATION & RECOMMENDATIONS

GUARANTEED ANALYSIS:

Total Nitrogen (N)..... 28%
7.8% Urea Nitrogen
20.2% Slow Release Water Soluble Nitrogen

Derived from: urea triazone solution

Weight: 10.7 lbs. per gallon
Gallons: 187 per ton
Nitrogen: 2.97 lbs. per gallon

PRODUCT PROPERTIES:

Specific gravity: 1.29
pH: 9.8-10.5
Appearance: translucent liquid

GENERAL PRODUCT INFORMATION:

NACHURS SRN™ is a liquid nitrogen fertilizer that can be used to treat nitrogen deficiencies in field crops, vegetables, turf and fruits. NACHURS SRN maybe soil applied, foliar sprayed or injected through irrigation systems including drip. It's 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
- 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 8 to 12 weeks when soil applied
- Reduces leaching and volatilization
- Provides excellent foliar absorption
- May be used as a carrier for crop protection chemicals

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 1.5 lbs. 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 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 2 lbs. 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 14 days.

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.

*These are general product recommendations. Please consult with your NACHURS Sales Manager or Agronomist for specific fertility recommendations.
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 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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GENERAL USE INFORMATION

SOIL APPLICATION

ROW CROPS:

NACHURS SRN™ may be banded beside the row while planting or later side-dressed to address the crops nitrogen needs.

NACHURS SRN can be added to other NPK fertilizers for soil incorporation. NACHURS recommends a jar test to check compatibility.

IN-FURROW RECOMMENDATIONS:

For specific in-furrow recommendations, consult with your authorized NACHURS Sales Manager or Agronomist for fertility recommendations.

EARLY APPLICATIONS FOR SEEDED CROPS

Applications of NACHURS SRN early in the plant's life can encourage development, increased growth, vigor, and yield potential. NACHURS SRN 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.

NACHURS SRN TANK MIXING PROCEDURES

- Add ½ of total water to spray tank
- Start recirculation in the tank
- Add the recommended amount of NACHURS SRN
- 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



NACHURS vs. NO FERTILIZER

FOLIAR APPLICATION

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS SRN 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 is manufactured with the highest quality raw materials on the market today to maximize foliar absorption. NACHURS SRN 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 Sales Manager or Agronomist for fertility recommendations.

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

- DO use NACHURS SRN 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.
- 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.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. MAY CAUSE IRRITATION OR INJURY TO EYES. AVOID CONTACT WITH FORMULATED PRODUCT. AVOID PROLONGED EXPOSURE TO VAPOR AND SPRAY MIST. HARMFUL IF SWALLOWED. TO PROTECT SKIN FROM EXPOSURE WEAR PROTECTIVE EQUIPMENT SUCH AS RUBBER APRONS, RUBBER GLOVES AND BOOTS. WASH THOROUGHLY AFTER HANDLING. ALWAYS USE PRODUCT WITH ADEQUATE VENTILATION.

FIRST AID: In case of contact with eyes, immediately flush with water for at least 15 minutes. Seek medical attention if irritation occurs. In case of skin contact, flush with plenty of water. Seek immediate medical attention if irritation occurs.

Always wash contaminated clothing before reusing. If swallowed, give large amounts of water and induce vomiting. Seek medical attention.

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