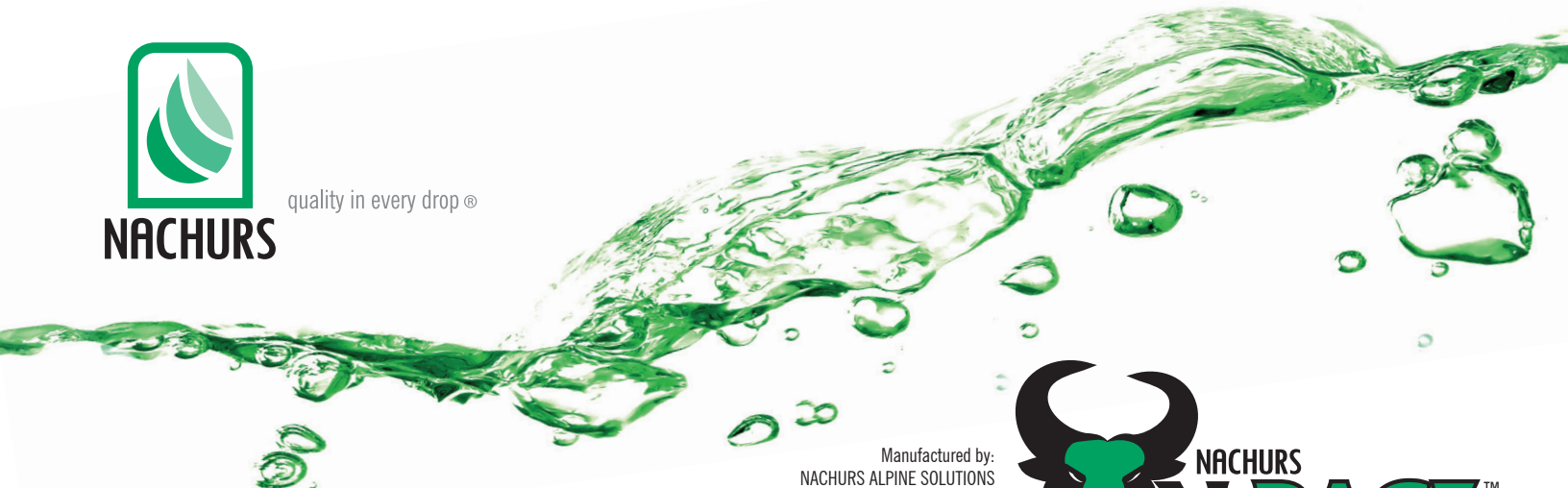
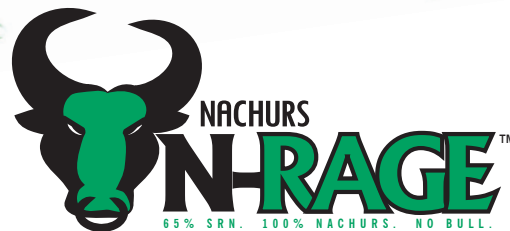




quality in every drop®



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



## PRODUCT INFORMATION & RECOMMENDATIONS

### GUARANTEED ANALYSIS:

<b>Total Nitrogen (N)</b> .....	<b>23%</b>
0.9% Ammoniacal Nitrogen	
7.2% Urea Nitrogen	
14.9% Slowly Available Water Soluble Nitrogen	
<b>Total Available Phosphorus (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>4.0%</b>
<b>Total Soluble Potash (K<sub>2</sub>O)</b> .....	<b>2.0%</b>
<b>Manganese (Mn)</b> .....	<b>0.05%</b>

**Derived from:** ammonia, phosphoric acid, potassium hydroxide, urea, urea triazone solution and Mn EDTA

**Weight:** 10.8 lbs. per gallon

65% of the total nitrogen found in NACHURS N-RAGE is Slow Release Nitrogen

100% of the total phosphate found in NACHURS N-RAGE is orthophosphate

### PRODUCT PROPERTIES:

<b>Specific gravity:</b>	1.30
<b>pH:</b>	6.5 – 8.5
<b>Appearance:</b>	clear to translucent, nearly colorless
<b>Odor:</b>	nearly odorless

### GENERAL PRODUCT INFORMATION:

NACHURS N-RAGE is manufactured by utilizing the highest quality raw materials coupled with urea triazone technology to provide a very agronomically efficient source of N-P-K. The quality of the raw materials used to formulate NACHURS N-RAGE:

- Maximizes plant nutrient absorption through the use of urea triazone technology
- Minimizes salt-index providing safe foliar use
- Minimizes equipment corrosion
- Is plant safe at recommended rates
- May be used with crop protection products such as glyphosate

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

### RECOMMENDED APPLICATION RATES:

#### FIELD CROPS:

- Alfalfa:** Apply 1 to 2 gal/ac after each cutting when sufficient foliage is present.
- Canola:** Apply 1 to 2 gal/ac prior to bolting.
- Cereal and Small Grains** – Apply 1 to 2 gal/ac at tillering through flag leaf. May be used as a top-dress on winter wheat.
- Corn (Field):** Apply 2 gal/ac on the young plant when sufficient foliage is present. Apply 1 to 2 gal/ac at tasseling and again after pollination.
- Cotton:** Apply 1 to 2 gal/ac at early boll formation then again every 14 days.
- Grain Sorghum:** Apply 1 to 2 gal/ac anytime additional N-P-K is needed or with a crop protection product.
- Peanuts:** Apply 2 gal/ac at early bloom repeat every 21 days until pods are full.
- Potatoes:** Apply 2 gal/ac at early tuber initiation and again as additional N-P-K is needed.
- Rice:** Apply 2 gal/ac at panicle initiation then anytime additional N-P-K is needed.
- Soybeans:** Apply 1 to 2 gal/ac at the R1 to R6 growth stage or anytime with glyphosate.

### MIXING INSTRUCTIONS:

NACHURS N-RAGE can mix with many crop production products including glyphosate.

- 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 N-RAGE tank mixing procedures:

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

### FOLIAR FEEDING:

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS N-RAGE provides available N-P-K to make a good crop even better or it can supply a deficient, stressed crop the proper nutrition for a quick recovery. NACHURS N-RAGE is manufactured with the highest quality raw materials on the market today to maximize foliar absorption. NACHURS N-RAGE can also be safely mixed with

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

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

**Tobacco:** Apply 1 to 2 gal/ac after transplanting or anytime additional N-P-K is needed to maintain crop growth and quality.

#### TURF:

Apply in early spring to enhance turf growth and build a healthier root system, then again every 30 days until dormant. NACHURS N-RAGE at 53oz/1000 sq/ft equals 1 pound of nitrogen.

#### VEGETABLE CROPS:

Apply 1 to 2 gal/ac after sufficient leaf growth then again every 14 days.

**GROUND APPLICATION:** Apply with a minimum of 5 gallons of water per acre or more to insure good coverage.

**AERIAL APPLICATION:** Apply with a minimum of 2 gallons of water per acre or more to insure good coverage.

NACHURS N-RAGE is best used as a supplement to a good fertility program.

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

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.

### EARLY APPLICATIONS FOR SEEDED CROPS:

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

### 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 N-RAGE 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 N-RAGE.
- 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.