



quality in every drop®

NACHURS®

LOW K WHITE

9-20-3

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

PRODUCT INFORMATION & RECOMMENDATIONS

GUARANTEED ANALYSIS:

Total Nitrogen (N)..... 9%
Available Phosphate (P₂O₅)..... 20%
Soluble Potash (K₂O)..... 3%

Derived from: urea, ammonium hydroxide, phosphoric acid, and potassium hydroxide.

Weight: 10.55 lbs. per gallon

PRODUCT PROPERTIES:

Specific gravity: 1.265
pH: 6.5 – 7.0
Appearance: clear, water white liquid
Odor: no odor, or mild ammonia

GENERAL PRODUCT INFORMATION:

NACHURS LOW K WHITE is manufactured by utilizing quality raw materials including ammonia, urea, phosphoric acid and potassium hydroxide to provide a very agronomically efficient source of N-P-K. The quality of the raw materials used to formulate NACHURS LOW K WHITE:

- maximizes plant nutrient solubility
- minimizes salt index
- minimizes equipment corrosion
- allows good cold weather storage
- is plant safe at recommended rates

One hundred percent of the phosphate is present in the orthophosphate form that is immediately available for plant absorption and metabolism. During times of limited phosphate and potassium availability (eg: cold and wet spring soil conditions present at planting), NACHURS LOW K WHITE provides a phosphate and potassium source that is positionally and nutritionally available.

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.

IN-FURROW RECOMMENDATIONS*:

Max Gals/A:	CEC:	%OM:	Row Width:
CORN:			
5	15↑	2.5	30"
4	10↑	2.0	30"
3	9.9↓	2.0	30"

Max Gals/A:	CEC:	%OM:	Row Width:
SUNFLOWERS:			
5	18↑	3↑	30"
4	17.9↓	2.9↓	30"

Max Gals/A:	CEC:	%OM:	Row Width:
WHEAT, BARLEY, RYE, AND OATS:			
8-10			6-8"

Max Gals/A:	CEC:	%OM:	Row Width:
MIL0:			
5	18↑	3.0	30"
4	15↑	2.5	30"
3	10↑	2.0	30"
2.5	9.9↓	2.0	30"

Max Gals/A:	CEC:	%OM:	Row Width:
ALFALFA (NEW SEEDING):			
5			

POTATOES:

4-10 Product should be placed so potato seed piece drops into fertilizer.

FOLIAR FEEDING GENERAL GUIDELINES*:

Corn: 1-3 gallons per acre. Foliar apply at the 3rd-5th leaf collar, and then 10-14 days later.**

Soybeans: 1-3 gallons per acre. Foliar apply at the 4th-6th trifoliolate, and then 80-85% podset.**

Small Grains, Dry Beans, Sugar Beets and other row crops: 1-3 gallons per acre. Consult your NACHURS distributor or agronomist for specific fertility recommendations.

**Additional crop nutrients such as NACHURS micronutrients and slow release nitrogen can be added, as well as most herbicides, insecticides, and fungicides. Consult your NACHURS distributor or agronomist for specific fertility recommendations.

Vegetable Crops: Use 1-2 gallons per acre with 8-10 gallons of water every 7-10 days on vegetable crops starting 10-15 days after transplant or at 2"-5" tall on seeded crops.

Fruit Trees: Use 1 gallon with 8-10 gallons of water every 7-10 days starting at bud swell in the spring. You can also apply:

- 3-5 gallons at bud swell
- 3-5 gallons after petal fall
- 3-5 gallons 10-14 days later
- 3-5 gallons when fruit is sized***
- 3-5 gallons in the fall before dormancy***

***Potassium products such as 3-18-18 or 1 gallon 0-0-30 mixed with NACHURS LOW K WHITE are very beneficial at this stage.

TRANSPLANT SOLUTION:

Use 1 gallon per acre with 100 gallons of water at set out.

*These are general product recommendations. Please consult with your authorized NACHURS distributor or agronomist for specific fertility recommendations.

NACHURS®

LOW K WHITE

9-20-3

GENERAL USE INFORMATION

ALL FIELD CROPS OR DIRECT SEEDED CROPS

NACHURS® liquid fertilizer placed on or near the seed at planting time can stimulate early growth and strengthen young plants. See the reverse side for recommended rates of NACHURS fertilizer. Consult with your authorized NACHURS distributor or agronomist for specific fertility recommendations.

EARLY APPLICATIONS FOR SEEDED CROPS

Applications of NACHURS liquid fertilizers early in the plant's life can encourage development, increased growth, vigor, and yield potential. NACHURS liquid fertilizer may effectively be applied at the first to second true leaf stage directly to the small plant. When spraying young plants, use ground application equipment and use "sprayed acres" to determine amounts of spray to be applied.

NACHURS LIQUID FERTILIZER FOR FOLIAR APPLICATIONS

- NACHURS liquid fertilizer is a highly soluble, low salt index formulation developed to supplement standard soil fertility practice.
- NACHURS liquid fertilizer provides an additional source of nitrogen, phosphorous and potassium during the growing season.
- NACHURS liquid fertilizer is designed to be used in conjunction with soil and tissue tests and professional recommendations to manage the nutrient levels and nutrient balance within the crop.
- NACHURS liquid fertilizer is in the form readily absorbed by plant tissue. In this form, nitrogen, phosphorous and potassium can be applied to the growing plant.
- NACHURS liquid fertilizer can be applied with most herbicides, insecticides, and fungicides.

FOLIAR APPLICATION:

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. NACHURS foliar fertilizers provide available N-P-K and chelated micronutrients to make a good crop even better or it can supply a deficient, stressed crop the proper nutrients for a quick recovery. These products can also be customized and combined to ensure crop success.

NACHURS foliars are manufactured with the highest quality raw materials on the market today and includes only available, chelated micronutrients to maximize foliar absorption. NACHURS foliars 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:

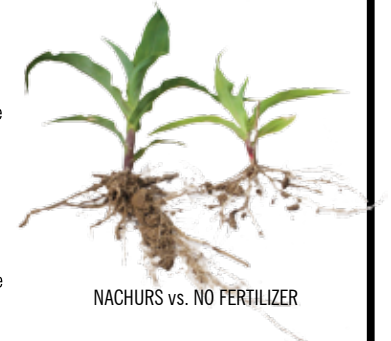
NACHURS liquid fertilizers can mix with many crop production products. Some non-100% EDTA chelates may not be compatible.

- 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.

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 fertilizers under conditions of optimum plant growth including highest humidity, moderate temperature and adequate soil moisture.
- **DO** add, as a minimum, equal amounts of water. Do use sufficient water to provide thorough coverage.
- **DO** consult with your local NACHURS distributor to determine pesticides which are compatible with NACHURS fertilizer.
- **DO** add wettable or soluble powders, emulsifiables or flowables to water in the mix and wet, dissolve or disperse before adding NACHURS fertilizer.
- **DO** consult your local NACHURS distributor 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 by aircraft if surface wind is greater than five miles per hour to assure adequate crop coverage and droplet disposition.
- **DO NOT** spray to run off. **DO NOT** spray to visible droplet coalescence. **DO NOT** allow concentrated spray mist to run off fruit or leaves.
- **DO NOT** apply during the heat of the day.
- **DO NOT** mix with calcium containing products unless the calcium is fully EDTA chelated.
- **DO NOT** mix fertilizers with hard water. Mixing with hard water may cause clogging of lines due to the combining of calcium, magnesium and iron in the water with phosphate in the fertilizer.



NACHURS vs. NO FERTILIZER

© 2010. Na-Churs Plant Food Company dba NACHURS ALPINE SOLUTIONS. All rights reserved.

"NACHURS" and "NACHURS ALPINE SOLUTIONS" are trademarks of Na-Churs Plant Food Company dba NACHURS ALPINE SOLUTIONS.



NO FERTILIZER

NACHURS