



NUTRIENTS SUPPLIED (pounds per gallon):

Soluble Potash (K₂O).....1.65
Sulfur (S).....0.51

Derived from: Potassium Acetate and Potassium
Thiosulfate

Also contains non-plant food ingredients: Humic Acid.

PRODUCT PROPERTIES:

Analysis:.....0-0-16-5S
Weight:.....10.3 lbs. per gallon
Specific gravity:.....1.235 kg/L
pH:.....8.5-9.5
Appearance:.....Dark brown/black liquid
Odor:.....Musty

GENERAL PRODUCT INFORMATION:

NACHURS K-flex MAX fertilizer is designed to be blended with various other fertilizers to provide important nutrients needed to grow high-yielding crops. It also contains humic acid which provides faster seed germination, increased root growth and nutrient uptake, and provides improved soil porosity and exchange capacity. **NACHURS K-flex MAX** can be mixed with APP (i.e. 10-34-0) and/or UAN solutions to provide two very critical plant nutrients - Potassium and Sulfur; typically missing from these base fertilizer products. **NACHURS K-flex MAX** fertilizer added to APP creates a starter blend that can be used as a foundation for planting in cold soils, especially in minimum or no-till environments. It can be blended with UAN solutions to create a strip-till/sidedress/basal fertilizer that provides extra potassium and sulfur, as well as humic acid, to help improve nitrogen use efficiency.

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

KEEP OUT OF REACH OF CHILDREN.

*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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NACHURS K-flex® MAX

Premium Liquid Fertilizer

PATENTED
POTASSIUM ACETATE
TECHNOLOGY

PRODUCT RECOMMENDATIONS:

Potassium: Potassium teams with nitrogen and sulfur to produce protein essential for proper plant growth. A high testing soil potassium level does not mean adequate potassium will be available to fulfill the plants need. The addition of potassium to your starter provides the following:

- Helps increase drought resistance
- Helps develop stronger stalks and stems
- Maintains a healthy plant metabolism
- Assists in photosynthesis
- Helps translocation within the plant
- Increases protein and starch levels within the plant
- Aids in fighting diseases

Sulfur: Sulfur is an essential nutrient for corn production, often ranked behind only nitrogen, phosphate and potassium. Sulfur is critical in a young corn plant, deficient amounts at this growth stage and you begin to lose yield. Sulfur is needed to metabolize nitrogen making it available to the plant. The need for sulfur is closely related to the amounts of nitrogen available to the crop. Sulfur activates the enzyme nitrate reductase, which converts nitrates to amino acids within the corn plant.

Humic acids: are a diverse group of large, naturally occurring, biologically active organic molecules best utilized at-planting or in-season soil application. They help accelerate germination, increase root growth and nutrient uptake, as well as to improve soil structure, porosity, and microbial activity.

Rates: Simply add the **NACHURS K-flex MAX** directly to your 10-34-0 or 11-37-0 and you create a complete balanced starter ready to help you achieve your yield goals. 1.25 gal will supply 1 gal of plant nutrition and 0.25 gal humic acid.

Blend with UAN per recommended ratios to avoid compatibility issues.

Fertigation:

- **Center Pivot:** 1-2 gallons/acre as needed.
- **Drip Irrigation:** 1-2 gallons per application.

CUSTOM BLENDS USING NACHURS K-flex MAX*:

STARTER BLEND RATIOS USING NACHURS K-flex MAX		
Final Analysis	NACHURS K-flex MAX	10-34-0
8-27.2-3.2-1S	1 gallon	4 gallons
STRIP-TILL/ SIDEDRESS BLEND RATIOS USING NACHURS K-flex MAX		
Final Analysis	NACHURS K-flex MAX	28% UAN
24.2-0-2.1-.6S	1.25 gal	8 gallons
	NACHURS K-flex MAX	32% UAN
28.4-0-1.7-.5S	1.25 gal	10 gallons

*The blend analysis is not guaranteed and may vary according to mixing methods used.

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 manufacture or seller can result in crop damage. Use caution when applying fertilizer directly to the seed as injury may occur.

MIXING INSTRUCTIONS:

- Fill tank with 1/2 of the needed 10-34-0 or 11-37-0, if using an induction system simply induct the **NACHURS K-flex MAX** while filling your 10-34-0/ 11-37-0 tank.
- Start agitation/recirculation and add the prescribed amount of **NACHURS K-flex MAX**; continue agitation/ recirculation during filling and application.
- Add the remaining 10-34-0 or 11-37-0 and any other products allowing adequate time to insure complete mixing.
- **CAUTION WHEN MIXING WITH UAN:** The temperature of UAN solution, outside air temperature, and storage time can influence successful mixing of the final solution. In the event of UAN being below 50 degrees, use sufficient water to provide thorough mixing of the solution. A ratio of 1:1 water to **NACHURS K-flex MAX** is recommended.

*When adding anything other than APP to **NACHURS K-flex MAX**, always jar test for compatibility.

PATENTED



ELEVATE YOUR K® with NACHURS® Bio-K®

- A premium source of potassium fertilizer combined with a natural plant metabolite
- Most effective and efficient source of potassium
- Increased plant health and plant vigor resulting in maximum yield potential