NACHURS®

NACHURS K-flex®
PREMIUM LIQUID FERTILIZER

NUTRIENTS SUPPLIED (pounds per gallon):
Soluble Potash (K₂O)........................... 2.00
Sulfur (S)... 0.63

Derived from: potassium acetate and potassium thiosulfate.

PRODUCT PROPERTIES:
Analysis:	0-0-19-6S
Weight:	10.55 lbs. per gallon
Specific gravity:	1.27 kg/L
pH:	8.1-9.1
Appearance:	clear, nearly colorless

GENERAL PRODUCT INFORMATION:
NACHURS K-flex® fertilizer is designed to be blended with various other fertilizers to provide important nutrients needed to grow high-yielding crops. It can be mixed with APP (i.e. 10-34-0), UAN solutions and liquid urea solutions to provide two very critical elements - Potassium and Sulfur; typically missing from these base fertilizer products. **NACHURS K-flex®** 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 fertilizer that provides extra potassium and sulfur at a time when uptake of these nutrients is rapidly increasing. **NACHURS K-flex®** fertilizer can also be blended with liquid urea to make an effective foliar fertilizer for forage crops and small grains.

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.

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.

RATES: Simply add the **NACHURS K-flex®** 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.

Blend with UAN or urea solutions per recommended ratios to avoid compatibility issues.

Fertigation -
Center Pivot - Apply 0.5 to 5 gallons/acre as needed.
Sprinkler - Trees, row crops and vegetables, apply 0.5 to 5 gallons/acre. Vines apply 0.5 to 4 gallons/acre.
Drip Irrigation - 0.5 to 5 gallons per application.

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®** while filling your 10-34-0/11-37-0 tank.
- Start agitation/recirculation and add the prescribed amount of **NACHURS K-flex®**; 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 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®** is recommended.

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

CUSTOM BLENDS USING NACHURS K-flex®*:

STARTER BLEND RATIOS USING NACHURS K-flex®		
Final Analysis	NACHURS K-flex®	10-34-0
8-27-3-1S	1 gallon	4 gallons
	NACHURS K-flex®	11-37-0
8-28-4-1.5S	1 gallon	3 gallons
STRIP-TILL/ SIDEDRESS BLEND RATIOS USING NACHURS K-flex®		
Final Analysis	NACHURS K-flex®	28% UAN
25-0-2-0.7S	1 gallon	8 gallons
	NACHURS K-flex®	32% UAN
29-0-2-0.5S	1 gallon	10 gallons
FOLIAR BLEND RATIO USING NACHURS K-flex®		
Final Analysis	NACHURS K-flex®	21-0-0 Urea Solution
14-0-6-2S	1 gallon	2 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.

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

bio-K® POWERED BY

PATENTED