

NUTRIENTS SUPPLIED (pounds per gallon):

Total Nitrogen (N).....	0.00
Available Phosphate (P ₂ O ₅).....	0.00
Soluble Potash (K ₂ O).....	0.81
Sulfur (S).....	0.551

PRODUCT PROPERTIES:

Weight:	1.47 kg/L
Specific gravity:	1.47 kg/L
pH:	7.2 – 8.2
Appearance:	clear, pale yellow liquid
Odor:	slight sulfur odor

GENERAL PRODUCT INFORMATION:

ALPINE K-Thio™ liquid fertilizer is manufactured by utilizing quality raw materials. Because of the raw materials used, ALPINE K-Thio liquid fertilizer maximizes plant nutrient solubility and minimizes corrosion while providing good cold weather storage and plant safety when utilized as recommended. ALPINE K-Thio liquid fertilizer can be applied as a side-dressed or fertigation application at recommended rates. Please consult your ALPINE Dealer or District Sales Manager for specific placement and application guidelines. ALPINE K-Thio liquid fertilizer can be deep-placed, side-dressed with 28% or 32% UAN (may require additional water) through a pivot, or by itself to provide potassium at the critical growth stage when soil uptake is limited.

FIRST AID: Please see MSDS sheet for more information, call (800) 265-2268 or visit us online at www.alpinepfl.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. ALPINE 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.

*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED ALPINE DEALER OR ALPINE DISTRICT SALES MANAGER FOR SPECIFIC FERTILITY RECOMMENDATIONS.



the starter fertilizer company®

www.alpinepfl.com

product recommendations • • • • •

APPLICATION INSTRUCTIONS:

Deep-Placed:
Deep place 4-12 L/ac ALPINE K-Thio liquid fertilizer at planting time 3-4" to side and 3" deep with nitrogen (may need additional water) or other ALPINE N-P-K analysis.

Side-Dress:
Side-dress 4-20 L/ac ALPINE K-Thio liquid fertilizer 6-8" to side with nitrogen* or other ALPINE N-P-K analysis.

Irrigation:
In irrigation, use 4-12 L/ac of ALPINE K-Thio liquid fertilizer with 28% nitrogen.*

* Mix 4 L/ac of ALPINE K-Thio liquid fertilizer with 36 L/ac of 28% nitrogen with no additional water needed. If more concentrated mixes are required, water should be added. This applies to deep-placed, side-dressed, and irrigation practices.

Apply Foliar:
1-2 L/ac. Do NOT exceed recommended rate.

ALPINE K-Thio liquid fertilizer should NOT be applied in-furrow. ALPINE K-Thio liquid fertilizer can be blended with other ALPINE N-P-K products for foliar application, but should NOT be applied by itself. Please consult with your authorized ALPINE Dealer or ALPINE District Sales Manager for specific recommendations.

MIXING INSTRUCTIONS:

ALPINE K-Thio liquid fertilizer can mix with many crop production products.

- 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.

MIXING PROCEDURE

- Add ½ of total water to spray tank
- Start recirculation in the tank
- Add micronutrients and or any other flowable material
- Add any soluble powder first pre-mixing with water
- Add the recommended amount of ALPINE liquid fertilizer
- Add remaining water volume and continue recirculation prior to spraying

THE FOLLOWING CONDITIONS MUST BE OBSERVED IN ORDER TO APPLY ALPINE LIQUID FERTILIZER FOR FOLIAR APPLICATIONS. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN DAMAGE TO THE PLANTS.

- DO use ALPINE liquid fertilizer 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 ALPINE District Sales Manager to determine pesticides which are compatible with ALPINE liquid fertilizer.
- DO consult your local ALPINE District 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.
- Do NOT spray to run off or to visible drop coalescence.
- Do NOT mix with calcium containing products unless calcium is fully EDTA chelated.

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ALPINE K-Thio

