

ALPINE K24



**PATENT PENDING
POTASSIUM ACETATE
TECHNOLOGY**

NUTRIENTS SUPPLIED (pounds per litre):

Soluble Potash (K₂O)..... 0.677

PRODUCT PROPERTIES:

Specific gravity: 1.28 kg/L
pH: 9.5 – 10.5
Appearance: clear, colorless to pale yellow
Odour: slight sweet odour

GENERAL PRODUCT INFORMATION:

ALPINE K24® brand liquid fertilizer is a unique form of foliar potassium having superior foliar absorption over traditional forms of potassium. Unlike other liquid forms of potassium such as nitrates, hydroxides, thiosulfates or carbonates, ALPINE K24 liquid fertilizer is not caustic or corrosive, resulting in safer foliar applications and less plant stress. ALPINE K24 liquid fertilizer's small molecular size coupled with the plant's natural affinity for organic acids allows for a much higher degree of potassium absorption. For best results, apply ALPINE K24 liquid fertilizer according to recommendations based on plant tissue or soil analysis.

K-Tech® is a new and improved potassium fertilizer technology that is unique to ALPINE. Features include increased foliar and root absorption, low salt index and increased energy production, which ultimately leads to increased crop yields and productivity.

FIRST AID: Please see SDS 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.

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PRODUCT RECOMMENDATIONS

APPLICATION INSTRUCTIONS:

ALPINE K24® brand liquid fertilizer can be used on all field and specialty crops to aid in correcting or preventing potassium deficiencies. Potassium requirements for most crops increase greatly during periods of rapid growth and fruit development. Application of **ALPINE K24®** should be made based on soil and plant tissue analysis for potassium.

FOLIAR –

Apply by ground or air at a 2 to 5 litres/acre rate in 3 to 10 gallons/acre of water.

FERTIGATION –

Center Pivot

Apply 10 to 20 litres/acre as needed according to soil and tissue test.

Sprinkler

- Trees apply 10-20 litres/acre
- Vines apply 7-15 litres/acre
- Vegetable and row crops apply 10-20 litres/acre

SOIL –

Apply 2-6 litres/acre with other fertilizers at planting time. When using with seed applied starters take into consideration the total amount of salt allowed for your soil type.

For recommendations regarding specific crops or applications consult your ALPINE DSM.

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 ALPINE.

ALPINE will assume no liability for this product if crop damage or if plugged fertigation equipment occurs from its use. ALPINE always recommends a jar test for compatibility with irrigation water when used for fertigation.

PRODUCT BENEFITS:

- Provides safe application reducing plant stress
- Superior source of K
- Highly compatible with pesticides and other fertilizer
- High analysis
- Non caustic or corrosive
- Low salt index
- High solubility

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 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 ALPINE District Sales Manager to determine pesticides which are compatible with ALPINE fertilizer.
- **DO** add wettable or soluble powders, emulsifiables or flowables to water in the mix and wet, dissolve or disperse before adding ALPINE 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 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.



PATENT PENDING



Designed for all crops that require potassium, K-Tech® is an innovative potassium technology. Unlike other forms of potassium, K-Tech® is a natural plant metabolite that provides the most efficient nutrient uptake. Using K-Tech® technology results in quicker germination, improved root development and an elevated abiotic stress tolerance; leading to better plant establishment, more vigorous growth and higher yields.

PREMIUM LIQUID FERTILIZER

ALPINE K24