

ALPINE K19-S



Guaranteed Nutritional Analysis:

lbs per litre applied

Soluble Potash (K₂O)..... 0.528

Sulphur (S)..... 0.167

33% of the total Nitrogen found in ALPINE CRN-S fertilizer is Controlled Release Nitrogen

Product Properties:

Analysis: 0-0-19 6S

Specific Gravity: 1.26 kg/L

pH: 8.0–8.8

Appearance: Clear liquid

Odour: Slight sulphur odour

General Product Information:

ALPINE K19-S brand liquid 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 UAN solutions and liquid urea solutions to provide two very critical elements - potassium and sulfur; typically missing from these base fertilizer products. ALPINE K19-S 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.

First Aid: Please see the SDS sheet for more information, call (800) 265-2268 or visit us online at www.alpinepfl.com.

KEEP OUT OF THE REACH OF CHILDREN.

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.

ALPINE K19-S®

Premium liquid fertilizer



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 fertilizer program 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.

Recommended Rates:

Use the following chart to determine rates and analysis.

Custom Blends Using ALPINE K19-S*:

| Strip-Till/ Sidedress Blend Ratios Using ALPINE K19-S | | |
|--|----------------|-----------------|
| ALPINE K19-S | 28% UAN | Analysis |
| 4 Litres | 32 Litres | 25-0-2-0.7 |
| ALPINE K19-S | 32% UAN | Analysis |
| 4 Litres | 40 Litres | 29-0-2-0.5 |

*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 fertilizer solution, if using an induction system simply induct the ALPINE K19-S while filling your tank.
- Start agitation/recirculation and add the prescribed amount of ALPINE K19-S; continue agitation/ recirculation during filling and application.
- Add the remaining fertilizer solution and any other products allowing adequate time to insure complete mixing.

*ALPINE always recommends doing a jar test to check for fertilizer compatibility when mixing with ALPINE K19-S.



Designed for all crops that require potassium, Bio-K® is an innovative potassium technology. Unlike other forms of potassium, Bio-K is a natural plant metabolite that provides the most efficient nutrient uptake. Using Bio-K 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.

Consult with your authorized ALPINE Retailer or ALPINE District Sales Manager for more specific recommendations.