

ALPINE K20-S



Guaranteed Nutritional Analysis:

lbs per litre applied

Total Nitrogen (N).....	0.089
Soluble Potash (K ₂ O).....	0.595
Sulphur (S).....	0.238

Guaranteed Nutritional Analysis:

grams per litre applied

Boron (B) (actual)	2.7
Manganese (Mn) (actual)	1.350
Molybdenum (Mo) (actual).....	0.027

Product Properties:

Analysis:	3-0-20 8S 0.2B 0.1Mn 0.002Mo
Weight:	1.35 kg/L
pH:	8.5–10.5
Appearance:	Slight rose color
Odour:	Slight ammonia odour

General Product Information:

Crop injury may occur from unusual weather conditions. The user assumes all risk of use and handling. Do not apply ALPINE K20-S liquid fertilizer to any crop sensitive to sulfur as plant or leaf injury may occur. It is always best to apply ALPINE K20-S liquid fertilizer early in the morning or late evening. Applications made during periods of high temperature (> 30°C) or low humidity (< 30%) can result in plant and leaf tissue damage.

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.

CAUTION: THIS FERTILIZER CONTAINS BORON AND SHOULD BE USED ONLY AS RECOMMENDED. IT MAY PROVE HARMFUL WHEN MISUSED.

WARNING: THIS FERTILIZER IS TO BE USED ONLY ON SOIL WHICH RESPONDS TO MOLYBDENUM. CROPS HIGH IN MOLYBDENUM ARE TOXIC TO GRAZING ANIMALS (RUMINANTS).

ALPINE K20-S®

Premium foliar fertilizer

General Product Information:

Foliar application of ALPINE K20-S liquid fertilizer can increase yields, but should only be considered as a supplement to a balanced soil-applied nutrient program.

- **Sulfur** is needed to produce amino acids which are required to make proteins and enzymes.
- **Calcium** is very critical in the production of crops. It improves the absorption of nutrients by roots and their translocation within the plant.
- **Boron** is critical to move carbohydrates from the leaves to the fruit.
- **Manganese** plays a vital role in photosynthesis and general plant tissue health.
- **Molybdenum** plays a key role in the transformation of nitrogen into amino acids. The quicker the plant converts nitrates into amino acid, the less energy the plant will require to manage nitrates, allowing that energy to be utilized in performing other plant functions, increasing nutrient use efficiencies. Molybdenum also plays an important role in allowing legumes to symbiotically fix atmospheric nitrogen.

Foliar applications of ALPINE K20-S liquid fertilizer has the advantage of allowing producers to add necessary nitrogen, potassium, sulfur and micronutrients when:

1. Tissue analysis indicates a N, K or micronutrient shortage
2. Large fruit or grain load is expected
3. Deficiency N, K, S or micronutrient symptoms appear

ALPINE K20-S liquid fertilizer may be mixed with other fertilizers, fungicides or pesticides. Always jar test to determine compatibility.

Agronomic Advantages of ALPINE K20-S

- High K absorption
- Foliar S source
- Optimizes plant health



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.



Product Advantages of ALPINE K20-S

- Contains Bio-K®
- Non corrosive
- Good cold weather storage
- Clean, easy handling
- Tank-mixable with ALPINE MicroBolt® Micronutrients
- Tank-mixable with most crop protection products

Product Recommendations:

ALPINE K20-S liquid fertilizer is recommended for use on the following crops:

- **Corn (Field):** Apply 4–8 L per acre from 2 leaf to VT
- **Alfalfa:** Apply 4–8 L to the crown at early green-up and then again after each cutting allowing for sufficient regrowth.
- **Canola:** Apply 4–8 L per acre at bud to bolting stage.
- **Sugarbeets:** Apply 4–8 L prior to row canopy closing or anytime tissue tests indicate additional potassium is needed.
- **Dry Beans:** Apply 2–4 L per acre at early bloom.
- **Potatoes:** Apply 8 L per acre at tuber initiation and repeat at tuber bulking.
- **Small Grains:** Apply 4–8 L per acre at tillering to early boot stage.
- **Soybeans:** Apply 4–8 L per acre at the R2–R4 growth stages.

*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 plant or leaf damage.

ALPINE K20-S liquid fertilizer may be used foliar anytime additional nutrition is needed. Use enough water to ensure good coverage.