

ALPINE F18 Max



NUTRIENTS SUPPLIED (pounds per litre):

Total Nitrogen (N).....	0.217
Available Phosphorus (P ₂ O ₅).....	0.108
Soluble Potash (K ₂ O).....	0.163

grams per litre

Boron (B).....	1.23
Copper (Cu).....	2.46
Manganese (Mn).....	12.3
Zinc (Zn).....	12.3

PRODUCT PROPERTIES:

Analysis:	8-4-6-.1B-.2Cu-1Mn-1Zn
Weight:	1.23 kg/L
pH:	6.5-7.5
Appearance:	clear, blue-colored liquid
Odour:	nearly odourless

GENERAL PRODUCT INFORMATION:

ALPINE F18 Max™ is a new and improved foliar nutritional product, comprised of essential plant nutrients, fully chelated micronutrients, surfactants, compatibility agents, and organic acids as well as the latest in potassium uptake technology, K-Tech®, and is ammonia free. ALPINE F18 Max™ is manufactured with the highest quality raw materials on the market today, which once absorbed by the plant helps to promote a healthier plant and root system, and ultimately helps to improve crop productivity. ALPINE F18 Max™ is well adapted to all cropping and management systems, including but not limited to row crops, vegetables, fruit, tree, and turf/ornamentals.

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 F18 Max™ fertilizer is supplied in a ready to use liquid form, making its application by spray equipment convenient and easy. Apply with adequate water to ensure thorough spray coverage. It is uniquely adapted to all crops and cropping systems to promote rapid growth and development, especially those crops that have encountered environmental stresses due to hail, insects, etc. ALPINE F18 Max™ fertilizer can be mixed with many crop protection products. Conduct a jar test to verify compatibility with your tank mix product.

GENERAL FOLIAR APPLICATION RATES:

1 to 4 litres per acre

Cereals and Small Grains – 1 to 2 litres per acre at tillering through flag leaf.

Corn, Soybeans, Canola, Sugar Beets,
1 to 2 litres per acre with in-season herbicide/insecticide applications.

Potatoes – 1 to 2 litres per acre at tuber initiation.

Forage and Hay Crops – 1 to 4 litres after sufficient leaf regrowth, usually between 7 and 10 days after cutting. There are no grazing restrictions.

Berries – 1 to 2 litres per acre at leaf emergence and again pre-bloom.

Fruit/Nut Trees – 2 to 4 litres per acre at bloom to improve bud set and retention.

Cucurbits – 1 to 2 litres per acre when runners are 4-6 inches long.

Other Vegetables (beans, peppers, tomatoes, etc.) – 1 to 2 litres pre-bloom.

THE ROLE OF MICRONUTRIENTS:

ALPINE F18 Max™ offers 4 essential micronutrients. All are chelated except boron:

- **Boron:** Critical for new growth of plant and in pollination and reproductive stages. Essential for maintaining sugar and starch balances.
- **Copper:** Essential in protein formation and for enzyme activation.
- **Manganese:** Vital in chlorophyll development and enzyme systems in the oxidation process.
- **Zinc:** Promotes root development, vigorous shoot growth, stress tolerance, and a more even maturity.

MIXING INSTRUCTIONS:

ALPINE liquid fertilizers can mix with many crop production products. Some non-100% EDTA chelates may not be compatible.

1. Add 1/3 water to spray tank
2. Start sprayer agitation and maintain
3. Add crop protection product as per label instructions
4. Add 1/3 water
5. Add ALPINE F18 Max™
6. Add remaining water volume, agitate before spraying

Favorable spray conditions:

- Time: Afternoon or evening when temperature has dropped 3 degrees from peak
- Temperature: 18-29 degree C
- Humidity: greater than 70%
- Wind speed: less than 8km/5mph

ALPINE F18 Max™, as with foliar fertilization in general, is not intended as a replacement for a sound fertility program, but rather as a management tool to help maximize yield and quality. For more specific foliar guidelines, please consult with your authorized ALPINE Dealer or ALPINE District Sales Manager.

ALPINE F18 Max™ is a clean, easy handling product that fits into most crop protection programs. Each drop of foliar has the exact same nutrient ratio, which means it will not settle out of solution.



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.