

# ALPINE CRN-B

## NUTRIENTS SUPPLIED (pounds per litre):

Total Nitrogen (N).....	0.672
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	0.0
Soluble Potash (K <sub>2</sub> O).....	0.0
Boron (B).....	0.013

33% of the total nitrogen found in ALPINE CRN-B fertilizer is Slow Release Nitrogen.

## PRODUCT PROPERTIES:

Weight:	1.22 kg/L
pH:	8.5-9.5
Appearance:	clear liquid
Odour:	may have slight ammonia odour

## GENERAL PRODUCT INFORMATION:

ALPINE CRN-B™ liquid fertilizer is manufactured by utilizing the highest quality raw materials coupled with urea triazone technology to provide a very agronomically efficient source of N. Its use is suggested as a supplement to a regular, balanced nutrition program to enhance yields and improve overall quality. 33% of the total nitrogen in this product is in the controlled release form which allows the nitrogen release to be matched with the crop needs. The quality of the raw materials used to formulate ALPINE CRN-B liquid fertilizer:

- Maximizes plant nutrient absorption through the use of urea triazone technology
- Minimizes salt-index providing safe foliar use
- Minimizes equipment corrosion
- Is plant safe at recommended rates
- May be used with crop protection products

**FIRST AID:** Please see MSDS sheet for more information, call (800) 265-2268 or visit us online at [www.alpinepfl.com](http://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 • • • • •

### FOLIAR RECOMMENDATIONS\*:

ALONE:	WITH PESTICIDE:
<b>CEREALS- BARLEY, OATS, RYE, TRICALE, WHEAT</b>	
2-8 L/ac	2-4 L/ac
<b>OILSEEDS- CANOLA, FLAX, MUSTARD, SAFFLOWER, SOYBEANS, SUNFLOWER:</b>	
2-8 L/ac	2-4 L/ac
<b>PULSES- BEANS, CHICKPEAS, FABABEANS, LENTILS, PEAS:</b>	
2-8 L/ac	2-4 L/ac
<b>POTATOES:</b>	
2-10 L/ac	2-4 L/ac
<b>CORN:</b>	
2-8 L/ac	2-4 L/ac
<b>ALFALFA:</b>	
2-8 L/ac	2-4 L/ac
<b>SUGAR BEETS:</b>	
2-8 L/ac	2-4 L/ac

\*Max rate of any combination of nutritional products without pesticide is 10 litres and with pesticide 5 litres.

\*\*10 gal/ac water minimum when using pesticide and nutrition together.

### FOLIAR FEEDING:

Foliar feeding is one of the most efficient methods of supplying nutrients during critical growing stages. ALPINE CRN-B liquid fertilizer provides available N and B to make a good crop even better or it can supply a deficient, stressed crop the proper nutrition for a quick recovery. ALPINE CRN-B liquid fertilizer is manufactured with the highest quality raw materials on the market today to maximize foliar absorption. ALPINE CRN-B liquid fertilizer can also be safely mixed with most insecticides, herbicides, and fungicides to help maximize yield potential (please follow proper mixing instructions). For more specific foliar guidelines, consult with your authorized ALPINE Dealer or ALPINE District Sales Manager for fertility recommendations.

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



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# ALPINE GENERAL RECOMMENDATIONS

## EARLY APPLICATIONS FOR SEEDED CROPS

Applications of ALPINE liquid fertilizers early in the plant's life can encourage development, increased growth, vigor, and yield potential. ALPINE liquid fertilizer may effectively be applied at the first to second true leaf stage directly to the small plant, continuing whenever nutrition is required.

## MIXING INSTRUCTIONS:

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

- 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



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**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.