



**PRODUCT INFO
& DATASHEET**

CAL-BOR-AMIN-L (liquid)

*10% N + 14% CaO + 8% Free Amino Acids + 0.18% Boron (liquid) (w/v)
For the application to all crops*

1. PRODUCT DESCRIPTION & GENERAL INFO

Cal-Bor-Amin-L contains: Nitrogen (N) **8.00% w/w** (Amine Nitrogen) and Calcium Oxide(CaO) **11.2 % w/w** (8.0% Ca) Plus **0.15% w/w** Boron for the application to all crops. **Cal-Bor-Amin-L** is a unique form of nitrogen that is used to supplement a present Nitrogen programme, having unique chemistry that enables plants to absorb the material rapidly after treatment.

The nitrogen in **Cal-Bor-Amin-L** is a modified urea and resists gasification or leaching of the nitrogen.

Cal-Bor-Amin-L will help produce heavier yields and decrease physiological damage to fruit and storage tissue.

2. SPECIFICATIONS

PHYSICAL DATA

Appearance:	brown liquid
Odour:	neutral sweet
Solubility in water:	100%
Bulk density:	1250 g per litre

CHEMICAL DATA

Total Nitrogen	(Amine N)	8.0	% w/w (10% w/v)
Calcium Oxide	(CaO)	11.2	% w/w (14% w/v)
Boron	(B)	0.15	% w/w (0.18% w/v)
Free Amino Acids		8.0	% w/w (10% w/v)

Trace elements:

Copper	(Cu)	0.025 %	(w/v)
Iron	(Fe)	0.0025 %	(w/v)
Manganese	(Mn)	0.025 %	(w/v)
Zinc	(Zn)	0.025 %	(w/v)

The nitrogen is in an amide form, which should be very slow to leech away.

3. DIRECTIONS FOR USE

* **Methods of application:** Through drip irrigation, overhead irrigation, knifed into the soil, banded on the soil. Spread with herbicide and other crop protection chemicals. Sprayed onto trees and vines during dormant period.

* **Mixing instructions:** Do not mix with fertilizer containing Phosphorous or Sulphates :

1. Water 2. **Cal-Bor-Amin-L** 3. Pesticide

* **Recommendations for use:** **Cal-Bor-Amin-L** may be used on the following crops:

Alfalfa, almonds, apples, asparagus, aubergines, avocados, barley, beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, cotton, cucumbers, grapes, lettuce, maize, melons, nectarines, okra, onions, peaches, peanuts, peas, peppers, pistachios, plums, potatoes, rice, soybeans, sorghum, squash, strawberries, sugar beets, sugar cane, sweet corn, tobacco, tomatoes, walnuts, watermelons, wheat, turf, ornamental crops and most other crops.

SUGGESTED DIRECTIONS FOR ORNAMENTAL USE: Specially formulated stabilized nitrogen along with water-soluble calcium in the proper ratios will provide growth and color for nursery, greenhouse and field grown materials. Don't mix with high phosphates or high sulfates. Foliar Feeding: Use 250 – 500g of fertilizer in 400 litres of water and spray to run-off, in houses or outside when temperatures are cool.

DIRECTIONS FOR AGRICULTURAL CROP USE:

- **Soil Applications:** Apply 200-250 litres **Cal-Bor-Amin-L** directly to the soil in side-dress application.
- **Drip Irrigation:** Apply 50 litres **Cal-Bor-Amin-L** weekly through the drip system. Do this in one application per week.
- **Dormant Sprays:** Apply 150 litres per hectare **Cal-Bor-Amin-L** to the dormant tree or vine at least one month before bud break. **Do not spray on non-deciduous fruit trees such as citrus at these rates.**
- **Foliar Sprays:** Apply 12-25 litres per hectare **Cal-Bor-Amin-L** weekly along with other crop protection products.

4. PACKING: 1 ltr, 5 ltr, 10 ltr, 20 ltr cans.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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