



TECHNICAL DATA SHEET

KELATEX[®] Ca+B

AMINO FOLIAR NUTRIENT

COMPOSITION

	g / Kg
Calcium (Ca)	180
Boron (B)	60
L-amino acids	30

PHYSICAL APPEARANCE: Soluble powder.

PACKAGE: 1 Kg bag.

GENERAL INFORMATION:

KELATEX Ca + B is a source of calcium and boron for foliar application, complemented with L-amino acids free.

Calcium and Boron are elements which are metabolized simultaneously and the plant will experience deficiency symptoms if either is inadequately supplied. **KELATEX Ca + B** will optimize the balance and assist translocation of resources within the plant.

The most important metabolic functions performed by calcium and the boron are

- formation of cellular walls and hence firmness which results in better keeping quality
- the translocation of carbohydrates (sugars) within the plant
- root development

Calcium and boron are elements of low mobility and they move in accordance with the rhythm of transpiration through the leaves. Fruits are more susceptible to deficiencies due to their low transpiration rate.

Common conditions where normally calcium and boron deficiencies are present are soils with pH less than 6.0 or higher than 8.0, sandy grounds, crops exposed to water stress and/or high temperatures, low organic matter, insufficient or damaged/infected root systems and high levels of nitrogen in the plant.

The free L-amino acids contained in **KELATEX Ca + B** enable the plant to form proteins faster and in a more efficient manner with less energy consumption. This energy saving promotes a better balance between the processes of photosynthesis and transpiration, as well as improving nutrient assimilation, resulting in better growth and increased crop yield.

KELATEX Ca + B can be applied at all stages of the crop development particularly when high yields are sought.



APPLICATION RECOMMENDATIONS:

CROP	DOSE (kg/ha/application)*
Alfalfa	2 to 3
Cotton	2 to 3
Pepper, tomato, eggplant	1 to 3
Bean, soy chickpea, etc.	1 to 3
Strawberry	1 to 2
Fruits – citrus, grapes, etc	2 to 5
Corn and sorghum	2 to 4
Melon, cucumber, watermelon, pumpkin, etc.	2 to 4
Potato	1 to 3
Papaya	1 to 3
Banana	1 to 2
Wheat, oats, barley	1 to 3

- It is important to make a proper dosage of **KELATEX-Ca + B**. The dose variation for foliar application is related to the plant size and the deficiency degree.

DIRECTIONS FOR USE:

*Application rates depend on the stage of crop development .In general, bigger and older crops require larger dosages, however it is recommended to apply several small to medium dosages in a series of two or three applications with an interval of 7 to 14 days between each, rather than a single heavy application.

COMPATIBILITY:

Compatible with most agricultural chemicals in common use. In case of doubt it is suggested to make up a small volume compatibility test.

SAFETY INSTRUCTIONS:

HANDLING: Use the recommended safety equipment (overall, safety glasses, and mask). Do not eat or smoke during the applications.

WARNING: Avoid contact with eyes and skin.

FIRST AID: Product may cause skin and eye irritation. If swallowed, provoke vomiting. Consult a physician.

ENVIRONMENTAL PROTECTION MEASUREMENTS: Dispose of all waste in accordance with applicable government regulations. Do not pollute water bodies, especially those with fish or where the water is used for animal or human consumption.



STORAGE: Do not store or ship with food, clothes or fodder. Store it in a dry and cool place. Do not leave in the open air.

WARRANTY: Since weather, crops, soil, and other conditions may vary, the seller makes no warranty of any kind, express or implied, concerning this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.