



TECHNICAL DATA SHEET

KELATEX[®] B

CHELATED NUTRIENT

COMPOSITION

	g / Kg
Boron (B)	170
L-Amino acids	30

PHYSICAL APPEARANCE: Soluble powder.

PACKAGE: 1 Kg bag

INGREDIENTS Derived from Boric acid, sodium tetraborate decahydrate and protein hydrolysates.

GENERAL INFORMATION:

KELATEX-B is a fertilizer for soil or foliar application reinforced with L-amino acids.

The addition of L-amino acids in the formulation of **KELATEX-B** allows the plant to form proteins in a fast form and with less energy spent. This energy saving favors a better balance between the photosynthesis and respiration as well as a better assimilation of the boron content in **KELATEX-B** in favor of more productive crops.

The most important functions of the Boron in the plant are: a) Stimulate the formation of the radicle system. b) Reinforce the movement of the sugars inside the plant. c) Induct a better fruit setting, and fruit shape.

The Boron deficiency is determined by the requirement of the own plant and by the levels of the elements present in the ground. The crops with greater demand of boron are: leguminous, stonecrops, vine, pear tree, apple tree, cotton, asparagus, celery, carrot, banana, avocado, papaya, rose-tree, carnation, gladiolus, etc.

Generally, it is considered that levels of boron in the ground, lower to one part per million indicate a high probability of response to its application.

The conditions that induct boron deficiency are grounds with sandy texture exposed to important rainfall, high levels of calcium, particularly in form of carbonate and pH higher to 7.5.

The objective of the application of **KELATEX-B** is the prevention and correction of the boron deficiency in conditions where the supply from the ground is limited and where other crops susceptible to the deficiency are handled.



APPLICATION RECOMMENDATIONS:

USE RECOMMENDATIONS PER APPLICATION

CROP	FOLIAR Gr/Ha	SOIL Kg/Ha	CROP	FOLIAR Gr/Ha	SOIL Kg/Ha
Beans, chickpea, alfalfa, etc.	250 to 750	1 to 3	Apple, Pear	1 to 2	1 to 4
Broccoli, cauliflower, cabbage, etc.	500 to 1000	1 to 3	Avocado	0.5 to 1	1 to 4
Pepper, tomatoes, potatoes	250 to 500	1 to 3	Papaya	1 a 3	1 to 3
Melon, watermelon, cucumber	250 to 500	1 to 3	Banana	250 to 500	1 to 3
Cotton	250 to 1000	1 to 2	Rose	0.5 to 1	1 to 3
Asparagus	500 to 1000	1 to 4	Strawberry	250 to 750	1 to 3
Celery	250 to 750	1 to 3	Citrus	0.5 to 1	1 to 4
Carrot	250 to 500	1 to 3			

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

DIRECTIONS FOR USE:

Applications 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.

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.