



Technical specifications

TERRACIX

Liquid Micronutrient Blend with Seaweed Extract

Description

TERRACIX provides essential support to plants throughout all stages of vegetative growth. Since boron is an immobile element within plant tissues, a continuous supply is necessary to ensure healthy and balanced development. A deficiency of this micronutrient can quickly cause growth problems if plants do not receive it on a regular basis.

Molybdenum, although present in a lower proportion, plays a crucial role in the development of cereal and vegetable crops. Leguminous plants, in particular, require a greater amount of molybdenum due to its vital role in the nitrogen fixation process carried out by symbiotic bacteria in the roots.

The combined application of boron and molybdenum strengthens the plant's natural defense system, improves resistance, and promotes growth. These micronutrients are indispensable, and their availability is essential throughout the entire vegetative cycle.

Boron deficiency may be linked to various environmental and soil-related factors, such as drought, lack of moisture, low temperatures, or heavy rainfall over a short period. Likewise, imbalances such as high calcium levels, especially in alkaline soils, may inhibit boron absorption. Low organic matter content in the soil also contributes to the deficiency of this element.

Benefits

Boron and molybdenum stimulate:

Flower formation and flowering.

Pollen viability.

Bud formation.

Seed and fruit development.

Improved resistance to fungal diseases.

Enhanced tolerance to drought.

Advantages:

Formation of the plant's reproductive organs.

Improved seed and fruit development.

Faster sugar transport.

Improved root system development.

Greater resistance to fungal diseases.

Better drought tolerance.

Enhanced chlorophyll synthesis.

Improved photosynthesis.

Higher starch content.

Faster nitrate reduction and protein synthesis.

Increased protein content.

Enhanced nitrogen fixation in the roots of leguminous crops.

Helps potassium absorption and maintains its balance within the plant.

Helps calcium absorption more efficiently.



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Minimum Composition and Rates

Composition

Boron	5,7%(p/p)
Molybdenum	0,3%(p/p)
Mannitol	0,1%(p/p)

Rates

Foliar application (vegetable crops): 150-250cc/HI
Fertigation: 2-3L/Ha

Storage and Compatibility

It can be used in mixtures with many fertilizers and plant protection products, including insecticides and fungicides. It should not be used with products containing high concentrations of copper (Cu), sulfur (S), mineral oils, or alkaline products (pH > 8).

Before mixing, it is recommended to prepare a small quantity of the mixture to check that no sediment forms. It is also advisable to apply the product first to a small area in order to verify that there are no adverse effects on the plants.