

BORON PHLOEM™

A HIGH BORON CONCENTRATE WITH AMINE COMPOUNDS



DESCRIPTION

BORON PHLOEM™ is a liquid boron (B) fertiliser, complexed with selected amine compounds, for enhanced uptake and assimilation.

KEY BENEFITS

- Promotes flower formation and fruit set
- Facilitates pollen germination and pollen tube growth
- Selected organic compounds aid in chloroplast formation, germination, and stress tolerance
- Promotes plant health and growth
- Improves nutrient utilization and carbohydrate transport
- Easy to mix and use
- Suitable for use with other products containing micronutrients

CONTAINS

(N% - P% - K% - S%)
(0 - 0 - 0 - 0)

B

- 12.090 % W/V



POSITIONING AND FUNCTIONS

BORON PHLOEM™ will address increased boron requirements during vigorous vegetative and reproductive growth stages, while selected organic compounds support various plant physiological processes. Boron is essential for the proper development and growth of crops, however, it is not readily translocated from older tissue within the plant.

Visual deficiencies, therefore, appear as structural deformities in active growing areas. BORON PHLOEM™ is ideal for application early in the season when rapid vegetative growth is associated with increased cell division and cell expansion. Adequate boron is also crucial during the initial stages of flowering and fruit growth when intensive cell division occurs. Pre-bloom and during bloom foliar application of BORON PHLOEM™ can be used to increase fruit set and final yield. In grains, BORON PHLOEM™ may increase the number of spikelets, grain spikes and number of tillers, increasing final yield. While in pastures, BORON PHLOEM™ may improve the number of flowers per head or seeds per flower, and final seed yield.

The addition of selected short chain, organic compounds, rich in nitrogen and carbon, stimulates plant growth by improving nutrient uptake and assimilation, leading to improved fruit colour, size, and shelf life. These compounds may also aid in fruit set and reduce flower and fruit abscission, while alleviating the impact of abiotic stress factors and enhancing plant-microbe interactions. BORON PHLOEM™ is formulated for frequent use to maintain adequate boron concentrations within the plant during critical periods for improved crop growth, yield, fruit, and grain quality.

REGION

NEW ZEALAND

TYPE

Liquid

APPLICATION


- Foliar
- Fertigation


PACKAGING


20 L, 200 L, 1000 L

CROPS

 Berries

 Fruit trees and vines

 Flowers and ornamentals

 Grain and field crops

 Pastures

 Tree nuts

 Vegetables

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