

# FLOWER POWER™

## LIQUID BORON AND MOLYBDENUM FOR FOLIAR APPLICATION



### DESCRIPTION

FLOWER POWER™ is a foliar fertiliser with liquid boron (B) and molybdenum (Mo).

### KEY BENEFITS

- Promotes flower formation and fruit set
- Formulated for effective and rapid plant uptake
- Suitable for use with most other products containing micronutrients
- Suitable for use in both foliar and fertigation applications
- Formulated with amino acids for effective uptake

### SPECIAL FEATURES

Addition of selected organic compounds enhance uptake of N, Mo and B into plant tissue. Additionally these compounds support cell membrane integrity, act as precursors for various metabolic pathways and enhance plant-microbe interaction.



### CONTAINS

- N** Nitrogen = 4.7 %W/V
- B** Boron = 10.88 %W/V
- Mo** Molybdenum = 1.17 %W/V

### POSITIONING AND FUNCTIONS

FLOWER POWER™ was developed to provide nitrogen, boron and molybdenum during periods of rapid cell division and growth. Boron functions in plants relate to meristematic growth and is directly involved in cell differentiation, maturation, division and elongation. Boron is also involved in the development of pollen tubes, sugar absorption and metabolism, and respiration. Molybdenum is an essential co-factor for various enzymes, most notably in nitrate reduction, where nitrate ( $\text{NO}_3^-$ ) is reduced to ammonium ( $\text{NH}_4^+$ ). It is also involved in iron assimilation, phytohormone production and purine degradation and sulfite detoxification. Certain crops, such as cruciferous and legume crops, have a high molybdenum requirement. Nitrogen is a macronutrient that is in great demand in fast growing crops and is directly involved in amino acids, protein and enzyme synthesis.

Addition of selected complexing agents in FLOWER POWER™ not only enhances absorption of nutrients, but also contribute to plant growth and plant-microbe interactions. It plays an integral part in the structure of cell membranes, facilitating production of phospholipids for maintenance of cell structure and to support new cell generation. These organic compounds have also been shown to influence salt and drought stress tolerance as well as stimulating beneficial plant-microbe interaction.

The combination of essential elements with powerful organic complexing agents make FLOWER POWER™ an ideal solution to correct B and Mo elemental deficiencies, while improving uptake, supporting cell division, stress tolerance and plant-microbe interactions.

#### REGION

NEW ZEALAND

#### TYPE

Liquid

#### APPLICATION

- Foliar
- Fertigation

#### PACKAGING

20 l, 200 l, 1000 l

#### CROPS

-  Berries and cherries
-  Grain and field crops
-  Cotton and sugarcane
-  Fruit & tree nuts
-  Potatoes
-  Vegetables
-  Wine and table grapes

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