COMPLEX CALCIO BIO

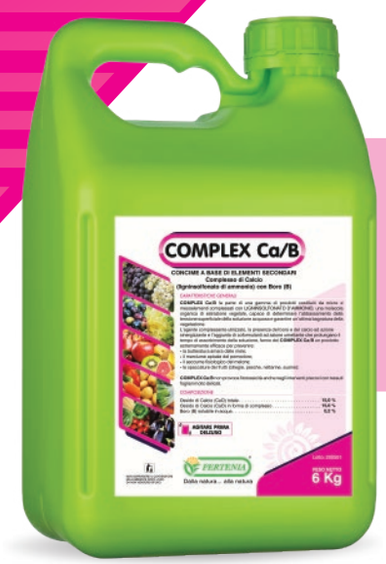
Calcium chloride (CaO)
solution with boron (B) complexed with LS

COMPLEX Ca/B

Calcium and boron complexed with LS

COMPLEX Special

High calcium (CaO) content (21.5%) with boron (B) and zinc (Zn) in water-soluble crystals



STRENGTHS

PRODUCTS SUITABLE FOR THE PREVENTION AND TREATMENT OF PHYSIOPATHOLOGIES CAUSED BY CALCIUM DEFICIENCY (CaO):

- *Vine rachis desiccation*
- *Apical tomato rot, pepper spotting*
- *Ecological dryness of vegetable leaves (tip burn)*
- *Fruit cracking (cherry, peach, nectarines etc.)*

Allowed in Organic Farming

* *Complex Calcio Bio is allowed in Organic Farming on Apple trees*

PACKAGE COMPLEX CALCIO BIO - CA/B

Bottles 1 L (20x1) • Jerrycans 5 L (4x5)
Jerrycans 20 L

PACKAGE COMPLEX SPECIAL

Bags 1- 3 -10 Kg

COMPLEX CALCIO BIO, COMPLEX Ca/B and COMPLEX SPECIAL FEATURES

COMPLEX CALCIO BIO and **COMPLEX Ca/B** are part of a range of products made up of **Calcium** and **Boron** complexed with **LS** (lignosulfonic acid), an organic molecule extracted from plants, capable of lowering the surface tension of the aqueous solution and guaranteeing excellent wetting of the vegetation.

COMPLEX Special is a water-soluble **microgranule formulation** with a high concentration of **boron (6.0%)** and **calcium (21.5%)** with **zinc (1.0%)**. These products are suitable for the prevention and treatment of physiopathologies that occur in various crops as a result of deficiencies due to poor assimilation or limited availability of the element **calcium (Ca)**.

Obtained from the purest raw materials (calcium chloride which can be used in organic farming), they are **enriched with boron** and added substances which facilitate the translocation of the constituents into the fruit flesh and leaves. Constant use enables plants to produce reproductive vegetative tissues, fruit and vegetables with **increased firmness and shelf-life**, and are particularly suitable for the prevention and treatment of **bitter pit, premature senescence and internal decay of apples.**

They are also used to control **boron-wilt** disease, **vine rachis dryness, tomato apical rot, pepper spotting** and other **calcium-wilt** related diseases, **leaf dryness of melon, lettuce, endive, escarole (tip burn), cherry cracking, peach, nectarine and plum.**

DOSES AND METHODS OF USE	COMPLEX CALCIO BIO* and COMPLEX Ca/B	COMPLEX SPECIAL
CROPS	FOLIAR APP.	FOLIAR APP.
Apple*	300-350 ml/hl preventive - 350-400 ml/hl curative	
Pome fruits and stone fruits		70-100 g/hl every 15-20 gg (from fruit growth)
Table and Wine Grapes, Citrus and Olive Trees	300-400 ml/hl preventive - 350-400 ml/hl curative	100-120 g/hl every 15-20 gg (from fruit growth)
Horticultural crops: Tomato, Pepper, Melon, Aubergine, Courgette, Strawberry, Watermelon, Bean, etc.	250-350 ml/hl preventive - 300-350 ml/hl curative	80-100 g/hl every 8-10 gg (from after fruit setting)
Endives, Lettuces, Fresh-cut leaf and Aromatic crops	250-300 ml/hl preventive - 250-300 ml/hl curative	60-80 g/hl every 10-15 gg
Floriculture and ornamentals	150-200 ml/hl preventive - 300-350 ml/hl curative	60-80 g/hl every 10-15 gg
CROPS	FERTIGATION	FERTIGATION
Fruit and industrial crops	l 30-50/ha	Kg 5-10/ha
Horticultural crops	l 3-5/1000 m^2 at the first symptoms of chlorosis	Kg 5-10/ha
Floriculture and ornamentals	l 2-4/1000 m^2 at the first symptoms of chlorosis	Kg 4-8/ha

N. B. - Calcium is a static element that is not very mobile within the plant and is characterised by a high pH.
Complex Ca/B has an acid pH and can be mixed with other calcium-compatible products.
Complex Calcio Bio and **Complex Special** can be mixed and/or acidified with CITROACID to facilitate foliar absorption.
Avoid treating during the hottest hours of the day.

COMPLEX CALCIO BIO* COMPOSITION	
Water-soluble calcium oxide (CaO)	**12,0%**
Water-soluble boron (B) 0.2%	**0,2%**

* Allowed in organic farming on apple trees

CHEMICAL-PHYSICAL PROPERTIES
Formulation: liquid - Density: **1,300**
pH (sol.1%): **8.5 ± 1**
Conductivity (1‰) mS/cm 18°: **0.60**

COMPLEX Ca/B COMPOSITION	
Total calcium oxide (CaO)	**15,0%**
Calcium oxide (CaO) in complex form	**15,0%**
Water-soluble boron (B)	**0,2%**

CHEMICAL-PHYSICAL PROPERTIES
Formulation: liquid - Density: **1,465**
pH (sol.1%): **6.5 ± 1**
Conductivity (1‰) mS/cm 18°: **0.675**

COMPLEX SPECIAL COMPOSITION	
Water-soluble boron (B)	**6,0%**
Water-soluble zinc (Zn)	**1,0%**
Total calcium oxide (CaO)	**21,5%**

CHEMICAL-PHYSICAL PROPERTIES
Formulation: **soluble crystals**
Solubility (g/100 ml): **16**
pH (sol. 1%): **8.5 ± 1**
Conductivity (1‰) mS/cm 18° C: **0.60**