



SILICAL®

CALCIUM (CaO) 30% HIGH CONCENTRATION IN WP



STRENGTHS

- **HIGH CALCIUM CONTENT (30%) WITH HIGH SOLUBILITY WITHOUT NITROGEN**
- **SUITABLE PRODUCT FOR THE PREVENTION AND TREATMENT OF PHYSIOPATHY CAUSED BY CALCIUM DEFICIENCY (CaO)**
 - *Vine rachis desiccation*
 - *Apical tomato rot, pepper spotting*
 - *Physiological dryness of vegetable leaves (tip burn)*
 - *Fruit cracking (cherry, peach, nectarines etc.)*



PACKAGE

Bags
1 - 3 kg



CHEMICAL-PHYSICAL PROPERTIES

Formulation: **soluble microgranules**
pH (sol. 1%): **7 ± 1**
Conductivity (1‰) mS/cm 18° C: **0.75**



FEATURES

SILICAL is an innovative formulation specifically for the treatment and prevention of fruit cracking and browning and necrosis of leaf tips due to calcium deficiency. In addition to a **high calcium and trace element content**, **SILICAL** is enriched with horsetail extract containing silicon. **SILICAL** differs from other formulations on the market in the following respects:

- **high concentration of total calcium 30%**
- **absolute deficiency of nitrogen, which could stimulate vegetative growth of crops and thus increase calcium requirements**
- **presence of organic silicon, which increases the consistency of cell walls**
- **high solubility.**

SILICAL does not cause phytotoxicity even in early intervention with very delicate leaf tissue. Ideal for both foliar and root application (**fertigation and hydroponics**).

DOSES AND METHODS OF USE

CROPS

Apple, pear, kiwi, citrus
and tropical fruits
Stone fruit, Olive

FOLIAR APPLICATION

70-100 g/hl applications every 10-15 days from
the beginning of fruit filling

70-100 g/hl every 15-20 days from the middle
of drupe filling

Table and wine grapes

70-100 g/hl applications every 15-20 days from
grape mid-filling

Tomatoes, peppers, aubergines
and other vegetables

In greenhouse 50-80 g/hl, in the open field 50-100 g/hl
every 8-10 days starting after setting of the first fruits
and in any case immediately after strong water changes

Leafy-cut vegetables, Fresh-cut leaf,
baby leaf - Aromatic crops - Floriculture

60-80 g/hl application every 10-15 days

Melon, watermelon, courgette,
cucumber, strawberry and industrial

70-100 g/hl applications every 8-10 days starting after
the first fruit has set and in any case immediately after
water stress

CROPS

All crops

FERTIGATION APPLICATION

5-10 kg/ha

COMPOSITION

Water-soluble boron (B)	0,35%
Water-soluble manganese (Mn)	2,2%
Water-soluble zinc (Zn)	2,5%
Water-soluble calcium oxide (CaO)	30,0%
Water-soluble silicon (SiO₂)	0,1%

Do not mix with products
rich in phosphorus