

BIO | Protection



bival
Distribución del Levante BIOVAL S. L



CERO
residuo

Linea

SILICATES

BIOVAL SIL CALCIUM FLOW

FORTIFIER OF TISSUES BASED ON CALCIUM AND SILICON
FORMULATED IN FLOW



DECLARED CONTENT

Calcium oxide (CaO) soluble in water	21,42% p/p	30,0% p/v
Calcium (Ca) soluble in water	14,78% p/p	20,7% p/v
Silicon oxide (SiO ₂) soluble in water	22,14% p/p	31,0% p/v
Silicon (Si) soluble in water	12,0% p/p	16,9% p/v

PHYSICOCHEMICAL CHARACTERISTICS

Formulation: FLOW
pH (solution 10%): 7-8
Density: 1,40
Colour: Milky white



PROPERTIES

Indicated as a fortifier of plant tissues, BIOVAL SIL CALCIUM FLOW acts with the purpose of increasing the tolerance of the crop to the attack of pathogens. Also, to improve shelf life (water / soil ratio) of the fruit and its resistance to biotic and abiotic stress and to physical damage by friction, manipulation ... In addition, it promotes the colonization of symbiotic (beneficial) microorganisms, reduces leaching of Phosphorus, nitrogen and potassium in growing areas, protects against metal toxicity (Al, Cd, Fe, Mn, Zn), increases resistance to salinity (salt stress) and helps the roots to absorb silicon (Si), constituent that systemically will be translocated by the xylem giving rise to its biomineralization or conversion to phytolith, thus gaining in structure and mass. Likewise, silicon will contribute to gain resistance and reduce the severity and progress of diseases of nematode, fungal, viral or bacterial origin and against attacks of boring and sucking insects. It will contribute, among others, to the increase of the hardness of the vegetal tissues and to the liberation of defense enzymes, like the peroxidasa and the phenylalanina amonioliase. The calcium provided by BIOVAL SIL CALCIUM FLOW will contribute to firmer tissues, will help the integrated control of fungi (eg botrytis), regulate the production of ethylene and reduce the incidence of physiological disorders (eg, apical necrosis in tomatoes, burnt tips In lettuce, internal necrosis in brussels cabbage ...). In turn, it will regulate the possible imbalances of excessive nitrogen fertilization.



RECOMMENDED GENERAL DOSE:

Leaf: 5-6 liters hectare at a rate of 400-500 cc / hl per application (3-4 applications), depending on the crop, from the set.

Fertigation: 3-6 L / hectare (3-4 applications) at a rate of 300-400 cc / hl, according to cultivation from the set.

It is recommended, however, to follow the doses and applications established by their technicians at the field level that will vary according to type of crop, their extractions in fertilizer units and the phenological state of the same. From "Distribución del Levante Bioval, S.L." or through our agents or distributors we can advise you in terms of the use dose according to your crops.

STORAGE:

Stable product if not previously diluted.
Store in the original package
Look for storage in a dry place, cool and without long exposure to the sun.
Away from food, drink and feed.
Do not stack more than 3 heights.
It is recommended to use it within 2 years of the lot date.
Precautions, risk phrases and safety: see label on packaging.

PRESENTATION:

