



## CHARACTERISTICS:

**SILTOP EVO** is a fertilizer based on trace elements: it contains Zinc, Molybdenum as well as monosilicic acid (MOSA), stabilized and bio-available to the plant. The innovative technology, used to make the Silicon bio-available, gives the plant the possibility to absorb big quantity of this element: indeed, despite of its large presence in the soil, Silicon is usually absorbed by the plant only in small amounts and with difficulty.

Silicon uptake, combined with the absorption of a large number of trace elements (essential for the plant metabolism), leads to several positive effects, which we can divide into two main categories:

**Passive role:** it strengthens the cell walls thanks to the accumulation of Silicon (creation of a mechanical barrier at the level of the cell wall);

**Active role:** it establishes a right balance between nutrients, controlling antagonism phenomena and managing nutritional imbalances; moreover, it enhances plant natural resistance, improving its defence reactions.

## Main benefits:

- Improvement in crop yield;
- Increase in quality of produce;
- Enhancement of defence reactions of the plant;
- Reduction of stress phenomena;
- Improvement of shelf-life and storage of produce.

## FIELDS OF APPLICATION:

**SILTOP EVO** can be used both by foliar and radical application (however, foliar treatment has proved to be more effective).

**SILTOP EVO** penetrates through stomas, then goes through the phloem, spreading itself throughout the whole plant, down to the roots.

**SILTOP EVO** facilitates the diffusion of nutritious ions throughout the whole plant; it catalyses metabolic processes; a part of it goes down to the roots and another one (the largest) is absorbed by the epigeal system of the plant, efficiently interacting with the cell wall.

## WARNINGS:

**Carefully follow the instructions for use, as shown on the label. To know the different strategies for use, do not hesitate to contact our technical department.**

## RATES:

**SILTOP EVO** should be used starting from the first growth stages, using the recommended doses continuously during the crop cycles. Sporadic uses, even at high doses, give minor results. If the post-harvest shelf-life improvement is critical, it is recommended to increase the dose/ha in the last treatment (2-5 days before harvest) or in the last two treatments.

**Fruit (Pome fruit, Stone fruit, Kiwifruit, Grapevine):** 4/8 treatments at 250-300 ml/ha, the first in pre-flowering, the second at fruit set, then the treatments should be carried out every 10-15 days. Increase the last treatment to 350 ml/ha, close to harvest.

**Cucurbits/Solanaceae:** 4/8 treatments depending on the cycle, 250-300 ml/ha, the first in pre-flowering and then carrying out treatments every 8-15 days. Increase the last treatment to 350 ml/ha, close to harvest.

**Leafy vegetables (including IV range/babyleaf):** 4/8 treatments depending on the cycle, 250-300 ml/ha, the first at 2<sup>nd</sup>-3<sup>rd</sup> leaf stage, then every 8-10 days. Increase the last treatment to 350-400 ml/ha, close to harvest.

**Potato:** 4/5 treatments at 250-300 ml/ha, the first in pre-flowering and then every 10-15 days. Increase the last treatment to 350 ml/ha, close to harvest (with intact foliage).

**Other crops:** depending on the cycle, from 4 to 8 treatments at 250-300 ml/ha, from pre-flowering/appearance of the first leaves, carrying out treatments every 8-15 days. Increase the last treatment to 350 ml/ha, close to harvest.

## COMPOSITION

Water soluble Zinc (Zn) 1.8%  
Water soluble Molybdenum (Mo) 0.2%

## FORMULATION

Liquid

## CLASSIFICATION

Danger



## PRE-HARVEST INTERVAL

## PACKAGING

500 ml bottle (=570 g)  
Boxes of 12 pieces