



Sunscreen

CORRECTIVE - Lime suspension

Sunscreen is a soil corrector, based on *calcium carbonate*, in suspension of micro particles (<10 µm) that are absorbed directly by stomata.

Once absorbed, carbonate particles break, releasing CaO, needed to strengthen cellular walls, and CO₂, which allows a constant photosynthesis even during stress periods.

Sunscreen has a double effect:

- Contribution of *Calcium* to prevent and curate deficiencies as *Tomato Blossom End Rot* and *Apple pitting*;
- Increase in *CO₂ concentration* in leaves to improve and optimize photosynthesis process.



COMPOSITION

Total Calcium oxide (CaO)	33,5%
---------------------------	-------



PHYS-CHEM PARAMETERS

Density	1,48 kg/L
pH	8,6



PACKAGE

Can	4x7 kg (= 4x4,73 L)
-----	---------------------

Sunscreen



APPLICATION RATES

CROPS	RATE	APPLICATION
Grape	3-4 kg/ha	3-4 applications from flowering.
Pome fruits, Olives trees	3-4 kg/ha	From fruits development, to correct Calcium deficiencies.
Stone fruits, Actinidia	3-4 kg/ha	In pre- and post-blossoming, to correct Calcium deficiencies.
	15-20 kg/ha	In post-harvest or during winter, to foster buds maturation.
Citrus, Walnut, Hazelnut, Almond	3-4 kg/ha	From fruits development.
Tomato, Pepper, Eggplant, Melon, Watermelon, Zucchini, Carrots, Garlic and Onions	1-1,5 kg/ha	Before transplanting, to reduce transpiration and improve rooting.
	3-4 kg/ha	3 treatments between beginning of flowering and fruits growth.
Strawberry and small fruits	3-4 kg/ha	Pre-Blossoming – fruits development – 15 days after.
Potato	3-4 kg/ha	When plants are 15-20 cm height, and then 15 days after.
Lettuce & Salads	1-1,5 kg/ha	50% of the head – 75% of the head – 15 days before harvest.
Corn	3-4 kg/ha	Between 4 th and 6 th leaf, with post-emergence herbicides.
Sugar beet	3-4 kg/ha	Between 4 th and 6 th leaf and repeat treatment 2-4 weeks later.
Rapeseed	3-4 kg/ha	Between 6 th and 8 th leaf and pre-blossoming.
Ornamentals	3-4 kg/ha	2-4 treatments every 15-20 days starting from the 3 rd leaf.
Soil fertilization for all crops	5-15 kg/ha	Sprayed on the soil or via fertirrigation.



TECHNICAL NOTES

Do not mix with products containing Phosphate, as well as with product that do not tolerate solutions with high pH.

Do not mix with Acid and/or Salty solutions.

Apply Oil-based products at least 2 weeks before Sunscreen. After Sunscreen application, avoid applying Oil-based product.

Before mixing with other products, a compatibility test is suggested.