

Kover

Biostimulant with heat and water stress-relieving action

Mixed solutions based on calcium and magnesium salts

KOVER is a formulation designed to prevent and mitigate damage caused by thermal and water stress resulting from adverse environmental conditions—such as plant tissue dehydration due to high evapotranspiration in hot weather, or reduced root nutrient uptake during intense cold or frost. Thanks to the synergistic action of its plant-based components, KOVER effectively helps plants overcome growth stalls caused by unfavorable weather. The formulation's content of betaines, glucosides, and amino acids provides a vital biostimulating effect, enabling plants to regain optimal health. KOVER features colloidal compounds that form a thin protective film, thereby curbing water loss from the foliage (an anti-transpirant effect). Calcium and magnesium work synergistically to further enhance the formulation's efficacy. Magnesium stimulates photosynthesis, thereby increasing plant cell resistance to thermal stress; calcium helps strengthen and oxygenate leaf and fruit cells, preventing skin cracking and promoting rapid suberization where cracks have already formed. Additionally, thanks to its glyco-amino acid component, KOVER is absorbed quickly and effectively and can serve as a carrier for foliar-applied products.

- Produces an anti-stress and anti-transpirant effect.
- Exerts a biostimulant action.
- Promotes vegetative recovery after periods of environmental stress.
- Prevents fruit cracking.

REGISTRATION

SIAN Registration No. 0014353/15

COMPOSITION (% w/w)

Water-soluble calcium oxide (CaO) 8
Water-soluble magnesium oxide (MgO) 2

PHYSICAL PROPERTIES

pH (1% solution) 5
Density (g/ml, 20°C) 1.32
Color Dark brown

FORMULATION

Soluble liquid

PACK SIZES

1 L bottle
5 L container
20 L container

PACKAGING

16 x 1 L packs
4 x 5 L packs
32 x 20 L packs

APPLICATION

Foliar
Root/Soil



1 L



5 L



20 L

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	1 or more applications as needed	800–1100 ml/100 L of water as a preventive measure before cold spells or frosts. 300–350 ml/100 L of water to prevent fruit cracking. 400–450 ml/100 L of water to achieve a biostimulant effect.
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 3 applications throughout the cycle	10 – 12 L/ha

Precautions: Shake the product well before use. Avoid mixing with strongly alkaline compounds, white oils, sulfur, polysulfides, or copper-based compounds. Conduct preliminary tests before mixing with other products. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between 5°C and 30°C.



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