

K-30

FERTIGATOR

That provides readily available potassium

Enhances fruit quality and uniform ripening, and reduces vegetative excesses

Improves transpiration and water management of the plant under stress conditions

Promotes healthy, compact and shiny foliage free from contaminations



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Characteristics

K-30 is a formulation based on potassium oxide (K_2O) designed for application via fertigation and foliar spray to promote fruit growth and uniform ripening, enhance the plant's resistance to environmental stress (drought, temperature fluctuations, and water excess) acting on stomatal opening, and reduce vegetative excesses. Potassium plays a fundamental role in several physiological processes in the plant, in fact, it participates in the activation of chlorophyll photosynthesis and protein synthesis, optimizing the biochemical mechanisms responsible for vegetative growth and reproductive development. Moreover, it stimulates the synthesis and accumulation of sugars in fruits, leading to high-quality ripening. Foliar application of **K-30** visibly improves the aesthetic quality of vegetation: it prevents natural surface contamination such as honeydew and sooty mold, and promotes healthy, compact, and shiny foliage, keeping leaves clean and functional.

Composition

	w/w*	w/v
Water-soluble potassium oxide (K_2O)	30.0%	38.4%

*Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Arboree	After flowering until ripening	150-200
Orticole	From fruit enlargement to ripening	150-200
Ornamentali	At the end of the crop cycle	100-150
Industriali	From fruit enlargement to ripening	100-200
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
Arboree	From already formed fruit to harvest (2-3 applications)	15-25
Orticole	During already formed fruit enlargement until ripening (3-4 applications)	15-25
Ornamentali	During the vegetative phase	8-10
Industriali	At the end of the productive cycle	15-25

*The doses are indicative and should be adjusted based on the characteristics of the area and the specific needs of each crop.

Formulation

Soluble liquid

Packaging

5-10-20-1000 l

Density (T=20°C)

~ 1280 kg/m³

pH (sol. 6 %)

~ 13.6

Conductivity (sol. 10 %)

~ 247.0 dS/m

Warnings

In case of mixing with other products, preliminary compatibility and miscibility tests are recommended on a limited number of plants. Do not mix with phosphorus or copper based products, or with products with acidic reaction. For foliar applications in protected environments, do not exceed the dose of 150 ml/hl of water.

Technical Notes



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