



**PRODUCT INFO
& DATASHEET**

SICO-KP REINFORCER

34% P₂O₅ + 16% K₂O + 2% MgO + Cu EDTA

Premium liquid mineral fertiliser for plant nutrition and reinforcement

1. PRODUCT DESCRIPTION

SICO-KP REINFORCER is a liquid fertiliser with a high content of **activated** phosphorus and potassium with magnesium and highly-assimilable chelated copper.

2. PRODUCT SPECIFICATION

* TYPICAL ANALYSIS: % w/w (equivalent to % w/v at 20° C)

Phosphorus Pentoxide (P ₂ O ₅)	34% w/w (49.3% w/v)	soluble in water
Potassium Oxide (K ₂ O)	16% w/w (23.2% w/v)	soluble in water
Magnesium Oxide (MgO)	2% w/w (2.9% w/v)	soluble in water
Copper (Cu) chelated by EDTA	0.05 w/w (0.073% w/v)	soluble in water

* PHYSICAL AND CHEMICAL PROPERTIES

Density (at 20°C)	1.45 g/ml
pH (1% aqu. sol w/w)	4.5 +/- 0.5 u. pH
Electrical Conductivity (aqu. sol. 1 g/l)	550 µS/cm

3. MAIN ADVANTAGES

SICO-KP REINFORCER can be used both by foliar application and by fertigation. In addition to the nutritive function, it promotes the natural endogenous defenses of plants, increasing the biosynthesis of natural phytoalexins. **The great nutritional action favors crops to grow quickly and healthy.** **SICO-KP REINFORCER** provides an easy foliar and radical uptake, that allows the plant to quickly benefit from the nutritional action. Furthermore, moving systematically both in acropetal and basipetal directions, the product accelerates phosphorus metabolism in plants. The product favors a biological protection, thanks to the stimulus on the production of defensive natural compounds. It has a vasodilator action, with a strong effectiveness in the prevention of physiopathologies, that cause lymphatic flow interruption.

4. APPLICATIONS RATES AND RECOMMENDATIONS – SUITABLE FOR FOLIAR APPLICATION

CROPS	Rates per Application		Stages and Recommendations
	Fertigation	Foliar*	
Fruit trees, grapes, citrus, olive trees	10-25 kg/ha	3-6 kg/ha	After transplanting, at the beginning of the vegetative growth repeating every 30 days
Horticulture in greenhouse	25–50 kg/ha	2-3 kg/ha	
Horticulture in open field and industrial crops	10–25 kg/ha	2.5-3.5 kg/ha	
Nurseries	12 kg/ha	1-2 kg/ha	After transplanting, at the beginning of the vegetative growth
Flowers and ornamentals	12-25 kg/ha	1.5-2 kg/ha	vegetative growth

* The dose refers to a volume of water of 10 hl

5. PACKINGS

1.4 kg (1 ltr) bottle	12 kg (10 ltr) can
6 kg (5 ltr) can	25 kg (20 ltr) can

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