



**PRODUCT INFO
& DATASHEET**

SICOFOL MAGIC Fe

*Iron complexed by Amino Acids, for an immediate assimilation
Liquid fertiliser for foliar spray, fertigation & soil application
Prevention and cure of iron chlorosis*

COMPOSITION

	% w/w (equivalent to % w/v at 20°C)
Iron (Fe) sol. water	5% w/w (6.25 % w/v)
Organic (N) Nitrogen sol. water	4% w/w (5% w/v)
Organic (C) Carbon	13% w/w (16.25% w/v)
Total aminoacids	25% w/w (31.25% w/v)

PHYSICAL & CHEMICAL PROPERTIES

Density (at 20°C)	1.25 g/ml
pH (1% aqu. sol. w/w)	6.0 ± 0.5 u. pH
Electrical Conductivity (aqu. sol. 1 g/l)	279 µS/cm

PRODUCT DESCRIPTION

SICOFOL MAGIC Fe is a new liquid formulation based on iron complexed by a mix of amino acids and peptides of natural origin. The most recent research has shown that one of the most effective methods to transfer iron into the plant is to complex it by natural and organic compounds such as amino acids and proteins with low molecular weight. In fact, in such case, the plant must not waste any energy for translocation, because the metal is already inside an organic molecule, which can reach quickly the organ where there is a deficiency of the element. As well known, organic nitrogen, fundamental component of the amino acids, has a very high mobility inside plants, which permits the same mobility of the complexed iron. Differently from traditional forms of chemically chelated iron, **SICOFOL MAGIC Fe** is not detrimental to the absorption of other nutrients and does not change the balance among the other trace elements in the plant.

THIS PRODUCT IS ALLOWED IN ORGANIC FARMING.

ADVANTAGES

- 1) Allows the plant to overcome the iron chlorosis problem and any kind of stress at the same time.
- 2) Is useful also for organic farming.

APPLICATION RATES

Crop	Fertigation ml/hl	Foliar Spray ml/hl	Surface Application l/1000 m²	Period
Flowers (roses, carnation, gerbera, bulboses, etc.)	80 - 100	100 - 150	1 - 3	At the start of vegetation and pre-flowering
Nursery	80 - 100	100 - 150	1 - 2	At the start of vegetation
Leafy vegetables	100 - 120	80 - 120	1.5 - 2	After transplanting
Tomato, pepper, cucumber water-melon, carrot, cabbage squash, pumpkin, potato	100 - 250	150 - 200	2 - 3	After transplanting before flowering
Strawberry	150 - 200	150 - 200	2 - 3	After transplanting before flowering
Apple, pear, hazel-nut	150 - 200	150 - 200	1 - 3l / ha	At the start of vegetation before and after flowering
Vine, olive, citrus	150 - 250	200 - 300	2 - 3l / ha	At the start of vegetation before flowering

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FERTILISERS
EVERY TIME THE *right* SOLUTION



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STORAGE

The product may form crystals below 0°C.

COMPATIBILITY

The product can be mixed with the most common pesticides, to the exclusion of those with alkaline reaction. Because of the great variety of vegetal species, we recommend in any case to make a preliminary test on a few plants before.

PACKING

- 1 lt bottle (1 kg)
- 5 lt can (6 kg)

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