

PRODUCT INFO & DATASHEET

SICOLENE Fe-EDDHA 6% (4.8% ortho-ortho)

Available both in powder and granular.
- ex Malaysia-

1/ INTRODUCTION

EDDHA,is a chelate that protects nutrients against precipitation in a wide pH-range: 4-12, which is higher than EDTA and DTPA in pH range. This makes the EDDHA-chelates suitable for alkaline and calcareous soils as well as soils containing high levels of carbonate. It is mainly used for fertigation in open fields and soil injection as well as fertigation in high tech, soil-less cultures. The product contains the highest percentage of the ortho-ortho isomere: 4.8% o-o and it is easy, rapid to dissolve in water and compatible with most water-soluble fertilizers.

2/ PRODUCT SPECIFICATIONS

** CERTIFICATE OF ANALYSIS*

PARAMETER	GUARANTEED VALUE	TYPICAL ANALYSIS
Ferric content	6.0 %	6.4 %
Water insoluble	≤ 0.1 %	0.03 %
pH (1% sol.)	7.0 – 9.0	7.9
ortho-ortho content	4.8 ± 0.2 %	4.75 %

** PHYSICAL ASPECT & PROPERTIES*

Density:	Approx. 500-550 kg/m3
PH (1% w/v Solution):	7.0-9.0
Solubility in water(for practical use)	Approx. 60-70 g/l
Water Insoluble:	No more than 0.1%
Chlorides (Cl)	No more than 0.1%
Sulphate (SO4)	No more than 0.1%
Sodium (Na)	10 – 11 %
Biodegradability:	slow

Available both in powder and granules.

3/ GENERAL APPLICATION RECOMMENDATIONS

** DOSING INSTRUCTIONS - Fertigation*

g/1,000 l water	Iron(Fe) content	
	g/1,000 lt /water /ppm	M mol/lt
100	6	0.11
500	30	0.54
1000	60	1.07
1500	90	1.60

** DOSING INSTRUCTIONS - Soil application: fertigation or soil injection*

Crop	Application date	Total dosage in kg/ha	Total dosage in g/tree
Citrus Young trees Adult trees	2-3 applications: 1x: vegetative development 1x: spring application 1x: autumn application		 5-30g 30-80g

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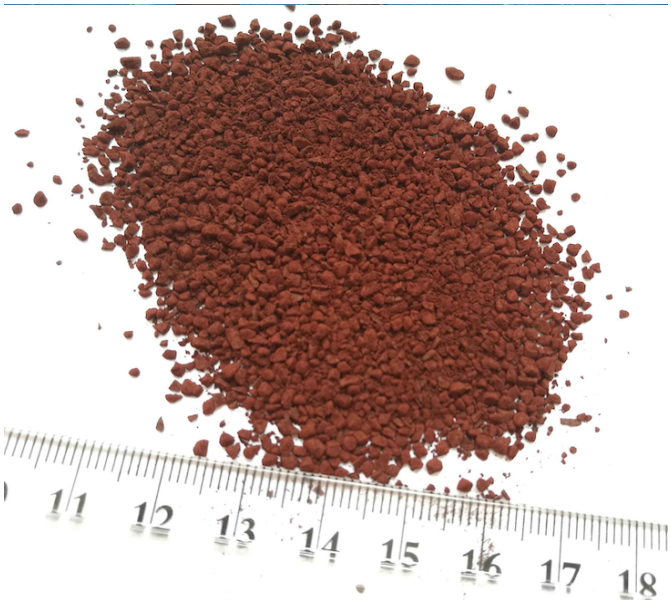
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Fruit trees Young trees Adult trees	2 applications: At the very beginning of vegetative development		5-20g 20-50g
Vineyards Young grapes Adult grapes Table grapes	Before bud opening or first symptom of deficiency		3-5g 5-25g 10-25g
Vegetables	2 applications: 1x: 4-6 weeks after planting 1x: Before flower induction	10 - 15 kg/ha	
Flowers	2 applications: 1x: In spring period 1x: At first symptoms of deficiency	10 - 50 kg/ha	

The pH in the tank should be above 3.
The mentioned indicated dosages and application stage are subject to soil and climatic conditions, influence of previous crops and other specific conditions. Exact dosages and application stages can only be given after an objective diagnostic procedure by e.g. soil, substrate and / or plant analyses.

4/ PACKAGING

Packed in complex bag or kraft bag with plastic inner, 25 kg per bag.
Available in packages of 1,000 kg, 25 kg, 10 kg, 5 kg and 1 kg.





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