MENAFERT

Product leaflet

Trace Elements
EDTA-CHELATES
SELECT AQUA

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EDTA CHELATES – SELECT AQUA

EDTA, short for ethylenediaminetetraacetic acid, is a chelate which protects nutrients against precipitation in a moderate pH-range (pH 4 - 6.5). It has a similar pH-range to DTPA and the biodegradable IDHA chelate. The stability constant of EDTA is moderate, though slightly less than the stability constant of DTPA chelate.

Mainly used for nourishing plants in fertigation systems, and as an ingredient for NPKs. EDTA chelates will not injure leaf tissue, which makes the product is also ideal for foliar spraying.

Product characteristics

- Protection of the micronutrient against precipitation in a moderate pH-range (pH 4 - 6.5)
- Liquid, dark red
- For fertigation, foliar and as raw material in NPK's
- Compatible with most water-soluble fertilizers

Dosing instructions | Fertigation

L / 1.000 l water	Iron (Fe) content	
	g / 1.000 l water | ppm	mmol / l
1	60	1.07
5	300	5.35
00	600	10.7

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Dosing instruction | Fertigation

Crop	Dosage in l/ha	Dosage in ml/tree	Application stage
Strawberry	5 - 10 l / ha		3 applications: - just before blooming (white bud-stage) - at fruit growth - after harvest
Banana	80–100 l / ha	40–60 ml/unit	3 applications: - 1x: establishment stage - 2x: during intensive vegetative growth
Stone Fruit	5 – 40 l / ha	5–40 ml/tree	3 applications: - just after fruit setting - during intensive vegetative growth - after harvest
Citrus	50 – 80 l / ha	100 – 160 ml / tree	3 - 5 applications: - just after flowering - at beginning of fruit coloring - after harvest
Vegetables Flowers	30 – 50 l / ha		2 - 3 applications, - 4-6 leave stage - during intensive growth

Dosing instruction | Foliar

Crop	Dosage in l/ha	Dosage in l/ha	Application stage
Agricultural crops (e.g. cereals, rape, sugar beet, potatoes)	1.3–2.0 l / ha	200 - 300 l water	2 - 3 applications, as of the first symptoms of chlorosis
Fruits general Preventive treatment Curative treatment	 0.7 –0.9 l / ha 0.7 –0.9 l / ha	 500-1.000 l water 500-1.000 l water	 1 application, after blooming 2 - 3 applications, as of the first symptoms of chlorosis
Vegetables Preventive treatment Curative treatment	 0.4 –0.7 l / ha 0.7 –1.3 l / ha	 500-1.000 l water 500-1.000 l water	 1 application, at the start of the generative stage 2 applications, as of the first symptoms of chlorosis

The pH in the tank should be above 4.

In the case of foliar feeding as part of a spray-mix, testing the intended spray-mix on a small area is recommended prior to commercial treatment.

The mentioned indicated dosages and application stages 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.