MENAFERT

Product leaflet

Advanced
Mg 9.9% EDTA

www.menafert.com
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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

The MENAFERT EDTA chelates are produced using a unique patented micro-granulation process. This method guarantees a strawberry - shaped microgranule that is free flowing, dust- and caking-free,and easily soluble.

In addition to single-element EDTA chelates, MENAFERT International also offers physical mixes (blends) or compounds (chemical mixes). For physical mixes with micro-nutrients, macro-nutrients and/or additives like amino acids and humic acids can be added. The compounds consist of different chelated or non-chelated traceelements. The end product has the same typical strawberry-shaped micro-granule, unique in the industry

For a complete overview of our products, please visit our website: www.menafert.com

Product characteristics

- Protection of the nutrient against precipitation in a moderate pH-range (pH 4 - 6.5)
- An unique porous micro granule: dust free, no caking and easily soluble. Blue
- For fertigation, foliar and as raw material in NPK's
- Compatible with most water-soluble fertilizers

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Dosing instructions | Fertigation

kg / 1.000 l water	Magnesium (Mg) content	
	in g/1000 l or ppm	in mol / l
0.1 kg	6	2.4
0.5 kg	30	12.3
1.0 kg	60	24.6
1.5 kg	90	37

The pH in the tank should be above 4.

Dosing instruction | Fertigation

Crop	Application stage	dosage in kg/ha	Total dosage in g/tree
Strawberry	3 applications: - just before blooming (white bud-stage) - at fruit growth - after harvest	0,5– 1 kg/ha	
Banana	3 applications: - 1x: establishment stage - 2x: during intensive vegetative growth	2 - 3 kg/ha	
Stone Fruit	3 applications: - just after fruit setting - during intensive vegetative growth - after harvest	1 – 2 kg/ha	
Citrus	3 applications: - at fruit setting - at fruit filling - after harvest	1 – 2 kg/ha	
Vegetables and flowers	3-4 applications: -4-6 leave stage -during intensive growth	0,5 – 1 kg/ha	

The pH in the tank should be above 4.

Dosing instructions | Foliar

Crop	Application stage	Dosage in kg/ha	Amount of water in l/ha
Cereals	2 applications: - 3 leaves stage - propagation phase	0,5 kg/ha 0,5 – 1 kg/ha	500 l water 500–1000 l water

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Potatoes	Three weeks after germination	0,3 – 0,6 kg/ha	300 - 600 l water
Sugar beet	Before intercrop densening	0,3 – 0,6 kg/ha	300 - 600 l water
Rape	Before blooming	0,3 – 0,6 kg/ha	300 - 600 l water
Fruits general Preventive Curative	1 application, after blooming 3-4 applications	0,1 – 0,2 kg/ha 0,2 – 0,4 kg/ha	400-600 l water
Vegetables and flowers	3-4 applications, depending on crop	0,2 – 0,4 kg/ha	400-600 l water

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.