MENAFERT

Product leaflet

Trace Elements
EDTA-CHELATES
SELECT Cu 7.4

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EDTA CHELATES – SELECT Cu 7.4

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, transparent blue
- For fertigation, foliar and as raw material in NPK's
- Compatible with most water-soluble fertilizers

Dosing instructions | Fertigation

l / 1.000 l water	Copper (Cu) content	
	g / 1.000 l water | ppm	mmol / l
1	100	1.57
5	500	7.85
00	1000	15.7

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Dosing instruction | Fertigation

Crop	Dosage in l/ha	Dosage in ml/tree	Application stage
Strawberry	0.15–0.3 l /ha		3 applications: - just before blooming(white bud-stage) - at fruit growth - after harvest
Banana	1.5 – 3 l / ha	0.9–1.8 ml/unit	3 applications: - 1x: establishment stage - 2x: during intensive vegetative growth
Stone Fruit	0.15–0.5 l/ha	0.12–0.5 ml/tree	3 applications: - just after fruit setting - during intensive vegetative growth - after harvest
Citrus	3 – 7.5 l / ha	1.5 –4 ml / tree	At fruit filling stage
Vegetables Flowers	0.2– 0.8 l / ha		2 - 3 applications, - 4-6 leave stage - during intensive growth

Dosing instruction | Foliar

Crop	Application stage	Dosage in l/ha	Amount of water in l/ha
Cereals	2 applications: - 3 leaves stage - propagation phase	 0.5 l / ha 0.8 –0.9 l / ha	 200-300 l water 200-300 l water
Potatoes	Three weeks after germination	0.5 –0.9 l / ha	200-300 l water
Sugar beet	Before intercrop densening	0.5 –0.9 l / ha	200-300 l water
Rape	Before blooming	0.5 –0.9 l / ha	200-300 l water
Fruits general	2 applications, just after blooming	0.3 –0.8 l / ha	500-1.000 l water
Vegetables Flowers	2 applications, depending on crop	0.3 –0.8 l / ha	500-1.000 l water

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.