

Essentials | Micronutrients
EDTA chelates

Oligo Manganese-EDTA 13%



Composition (%w/w)

Manganese	13%
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Agronomical Targets



Compatibility

Compatible with other fertilizers. The pH of the tank solution should be above 4.

Packaging



Van Iperen Oligo Manganese-EDTA 13% is a chelated single micronutrient fertilizer of high purity. Thanks to its unique patented raspberry-shaped microgranule, it is dust free, easy flowing and it dissolves rapidly. It is recommended to cure Manganese deficiency on all crops, and to improve initial photosynthetic activity.

- Suitable for organic farming in compliance with Council Regulation (EC) 834/2007
- Manganese 100% chelated and fully available up to a pH of 9
- Developed for foliar application. Also suitable for fertigation in open field and greenhouses

Product Characteristics

- Rapidly dissolvable at high concentration
- Low in Chloride
- White-yellow microgranules
- Patented micro granulation process
- Easy to handle, dissolve and apply



Did you know?

The European law allows using the term "chelated micronutrient" starting 80% of actual chelation. This means that on the market you may find some fertilizers that claim to be chelates, when in fact they are only 80% chelated! At Van Iperen, we chose to always go for quality, and all our chelated micronutrients are 100% chelated! Van Iperen offers adequate chelated micronutrients with EDTA, IDHA, DTPA, EDDHA and HBED chelating agents, for all growing conditions.

Let's make the green switch!

We are Van Iperen International a Dutch producer of Specialty Fertilizers and Biostimulants. We are eager to change the rules of the game in plant nutrition, by providing highly innovative solutions to growers for more sustainable agriculture. Your local Van Iperen Sales Manager will help you and guide you to make the green switch together.

www.vaniperen.com

Dosage | Hydroponics

in 1.000 l stock solution	Mn in g	Mn in mmol
0.1 kg	13	0.24
0.5 kg	65	1.18
1.0 kg	130	2.37

Mentioned concentrations represents the amount of nutrients in the stock solution. The final concentration in the irrigation water depends on the amount of nutrients in the stock solution, the injection ratio and the amount of nutrients used in the water.

Dosage | Fertigation

Crop	Application date	Min kg/ha/season	Max kg/ha/season
 Vegetables 2 - 3 applications: • During 4 - 6 leaves stage • During vegetative growth		2	3
 Banana 3 applications: • During plant establishment • During vegetative growth		2	5
 Citrus 3 applications: • During fruit setting • During fruit filling • During post harvest period		3	5

Dosage | Foliar application

Crop	Application date	Min kg/ha/appl	Max kg/ha/appl	Conc. % (w/v)
 Vegetables 2 applications: • Crop dependent		0.3	0.6	0.02 - 0.10
 Fruit trees (preventive) 1 application: • During fruit setting		0.1	0.4	0.02 - 0.10
 Fruit trees (curative) 2 - 3 applications: • As of 1st symptoms of chlorosis		0.2	0.5	0.02 - 0.10

In case of foliar feeding as part of a mix with crop protection products or other fertilizers, a compatibility test has to be done prior to preparing the spray-mix.

The mentioned indicated dosages and application stages are given as a guideline. Exact dosages, concentration and application stage are subject to local conditions, use of other fertilizers and can only be given after an objective diagnosis.