

Essentials | Micronutrients
HBED chelates

Iperen Fer Triathlon



Composition (%w/w)

Iron , Total	8.2%
Iron , chelated by HBED	3.5%
Iron , chelated by [o,o]- EDDHA	1.2%
Iron , chelated by DTPA	1.1%

Iperen Fer Triathlon - containing 8.2% of Iron - is a highly pure, 50 % HBED, 40% EDDHA and 10% DTPA chelated Iron fertilizer, which dissolves rapidly and completely. Iperen Fer Triathlon is advised in alkaline conditions. The combination of these three high quality chelating agents gives your iron a full protection no matter the condition, and a fast and long lasting effect. Our product is dust free and is recommended at initial growth stages.

- Gives a strong apical zone, free of chlorosis
- Iron 100% chelated and highly available up to a pH of 12
- Developed for fertigation in open field and for soil injection
- Limited Copper affinity improving uptake of Iron

Agronomical Targets



Compatibility

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

Packaging



Product Characteristics

- Rapidly dissolvable
- HBED is UV-resistant
- HBED is stable for a long period of time
- 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	Fe in g	Fe in mmol
0.1 kg	8.2	0.14
0.5 kg	41	0.73
1.0 kg	82	1.46

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 	1 - 2 applications: • As of 4 weeks after planting • Until flower bud opening	4	6
Fruit trees (young) 	1 - 2 applications: • As of vegetative growth	2	7
Fruit trees (adult) 	1 - 2 applications: • As of vegetative growth	7	15
Citrus (young) 	1 - 3 applications: • During vegetative growth • Spring application • Autumn application	3	5
Citrus (adult) 	1 - 3 applications: • During vegetative growth • Spring application • Autumn application	5	15

It is possible to apply a lower dose than recommended in case of low risk of deficiency or to avoid an expected potential slight deficiency.

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.