Kelat Fe

iron EDDHA Chelate

soil

Composition

	%w/w
Total EDDHA iron	6
Iron chelated ortho-ortho	4,8
Iron chelated ortho-para	0,3
Iron total (Fe)	6 + 0,4
pH (1% in water): 7,5-9,5	
pH interval stability: 3-11	

Kelat Quality

Kelat Fe

Persistance	Chelate ortho-ortho
Starting	Chelate orto-para
High level	Plant chlorophyll
High stability	Stability range pH: 3-12

Characteristics

Kelat Fe is an iron chelate, stable and highly soluble in water, with a clear celerity and shock effect and persistence. The chelating agent EDDHA provides extreme stability, even at higher pH.

The iron is essential for the chlorophyll synthesis and for the plant development. The iron takes part in the different levels of electron transportation chain, fundamental for the cell respiration and in the metabolism of enzymes and proteins. It also has an important role in the nitrogen fixation.

Application

Crops	Dosage g/tree	Treatment period
Fruit and citrus trees		
Breeding of plants	3 - 5	**Fruit tree and Vine Crops** Apply by the end of winter or beginning of spring, matching up with start of new sprouts. **Citrus / fruit and other evergreen crops** One application during the spring or at the beginning of the summer, before the second sprouting.
Seedlings	5 - 15	
Young trees	15 - 25	
Production trees	25 - 50	
Very grown trees and affected by the ferric chlorosis	50 - 100	
Vineyard		
Young stocks	3 - 5	
Producing stocks	5 - 10	
Grapevine	10 - 25	
Horticultural and Ornamental crops		
Beginning of season growth	1 - 2 g/m^2	Apply from the beginning of crop or after uprooting.
Full growth	2 - 5 g/m^2	
Strawberries	80-120g	Hydroponic Application per 1000L of water

Cautions

Kelat Fe is compatible with pesticides as well as most commonly used fertilizers. It is advisable to confirm compatibility by preparing a sample of the mix at the intended concentrations.

FERTILIZER

CE

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