AGRARES® Fe Plus

Soluble Micro-granules

Specially formulated for application on soils with high pH, high limestone content.

EDDHA IRON CHELATE CORRECTOR FOR FERRIC CHLOROSIS

Iron (Fe) soluble in water: 6%

Iron (Fe) chelate of EDDHA (isomer **orto-orto***): 4,8% (also abailable with other % of o-o and o-p)

Estability pH: **3,5 – 12**





EC FERTILIZER

AGRARES® Fe Plus



CHARACTERISTICS:

- AGRARES ®Fe Plus is a chelate of Iron in the form of micro soluble granules
- AGRARES ® Fe Plus contains a great quality of Iron highly chelated, which guarantees its great effectiveness and persistence.
- Likewise Fe-EDDHA of AGRARES ® has insured its effect in any type of soil, even in difficult conditions of chalky and alkaline soils, which is the form of more effective chelate.
- AGRARES ® Fe Plus is the product indicated for the prevention and correction of chlorosis for a large number of crops.
- AGRARES ® Fe Plus has a fast root absorption implying a quick and full recovery of crops affected by iron chlorosis.
- AGRARES ® Fe Plus presents a solubility excellent due to the shape of their micro-granules, making it also an ideal product to implement it in Fertigation..

HOW TO USE IT:

AGRARES® Fe Plus can be applied via injection with spear or grating localized procedures, ensuring that the product is located in the root zone. Also there is the possibility of applying AGRARES® Fe Plus in holes, grooves or irrigation water.

It is recommended that the AGRARES [®] Fe Plus product is located in the root zone especially in young plantations I comprehensive framework. An irrigation after application of the product is generally recommended.

FERTIGATION: Is recommended to apply AGRARES ® Fe Plus previously dissolved in fertilizer tank, through the system of distribution of irrigation water. It is preferable to fractionated doses of AGRARES ® Fe Plus in 2-4 applications every 10-15 days.

DOSE

Generally high doses are used in those more sensitive crops and conditions of alkaline soils with high content in Active limestone. He is recommended to apply AGRARES ® Fe Plus so that the plants have product at the time of sprouting in spring and summer in order to obtain the best result.

CROPS	Incorporation into soil	Fertirrigation
FRUIT TREES, CITRUS AND HAZEL		
Nursery	3 - 5 g/tree	
Seedlings	5 – 15 g/tree	3 - 10 g/tree
Young or espalier trees	15 – 25 g/tree	10 - 15 g/tree
Trees in production	30 – 50 g/tree	20 -35 g/tree
Trees very concerned of chlorosis or highly developed	60 - 100 g/tree	50 - 70 g/tree
VINEYARD, PARRAL AND BANANA		
Young vines	3 -5 g/tree	2 - 4 g/tree
Developed strains	5 – 10 g/tree	3 - 7 g/tree
Vines and banana	15 – 25 g/tree	10 - 15 g/tree
HORTICULTURAL AND ORNAMENTAL		
Home development	$1 - 2 g/m^2$	0,5 - 1 g/tree
Full development	$2 - 4 g/m^2$	1 – 2 g/tree

AGRARES® Fe Plus



Micro soluble granules

- AGRARES Fe plus is a product containing Iron chelated with EDDHA, specially formulated for application in high conditions (high pH soils, with high limestone content).
- The use of many Iron chelates in soils above isn't effective because they are not able to keep the Iron of available form for the plant long enough to be able to be absorbed. In these conditions, the agent drops the Iron based and form new chelates more stable with calcium, while the Iron is combined with ion hydroxyl at this pH abound in the Middle, forming very insoluble compounds. Thus, it has been shown that the displacement of the Iron by calcium when using the chelates of EDTA Fe and Fe EDDHA, begin to pH 5.5 and 9.9 respectively.
- In addition, if we study the concept of constant stability (log K), which is a way to quantify the affinity of an agent based on a specific cation, in a way that the more high is its value more strongly is the corresponding amino acid chelate, we see that for EDTA Fe and Fe EDDHA are respectively 25 and 33.9 Ca EDTA and EDDHA Call and 7.2 respectively.
- As a result, AGRARES Fe Plus (Fe EDDHA) plus is a product that can be used effectively for the treatment of **iron chlorosis** in alkaline soils with a high content in limestone



A product of: **AGRARES SL** Rbla la Pau, 103 08800 Vilanova i la Geltru BARCELONA (SPAIN)