



# Golden Fer<sup>®</sup>

## IRON DEFICIENCY CORRECTOR

### Benefits of use

**GOLDEN FER<sup>®</sup>** is an iron deficiency correcter, 100% chelated with EDDHA. It has a high proportion of iron in ortho-ortho isomer form, which protects the iron ion from any interaction with other soil components, thus making it more available to the plant. In this way, **GOLDEN FER<sup>®</sup>** ensures greater availability by increasing the efficiency of iron application. In turn, **GOLDEN FER<sup>®</sup>** exerts a structuring effect on the soil, since the EDDHA remains in the soil once the iron atom it contained has been assimilated by the plant, and is able to chelate other iron molecules, thus making them available to the plant, and thereby exerting a mobilising effect on the iron present in the soil. In this way, **GOLDEN FER<sup>®</sup>** has an exponential effect on the mobilisation of iron in soils, especially on those in which, despite the abundance of this element, its bioavailability is low.

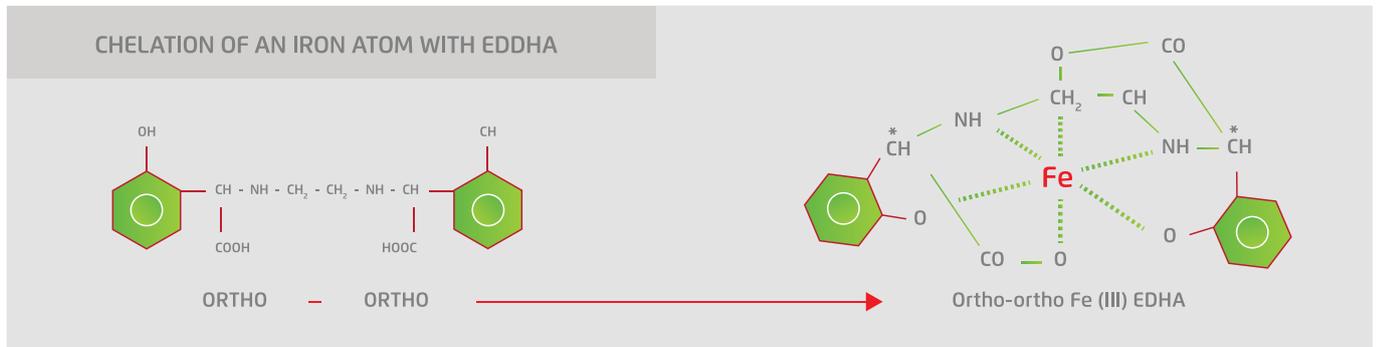
So, **GOLDEN FER<sup>®</sup>** can be used to stabilise and maintain good iron delivery to crops in calcareous or alkaline soils, thereby preventing iron chlorosis in large numbers of crops and providing them with greater vigour and productivity.



### Composition

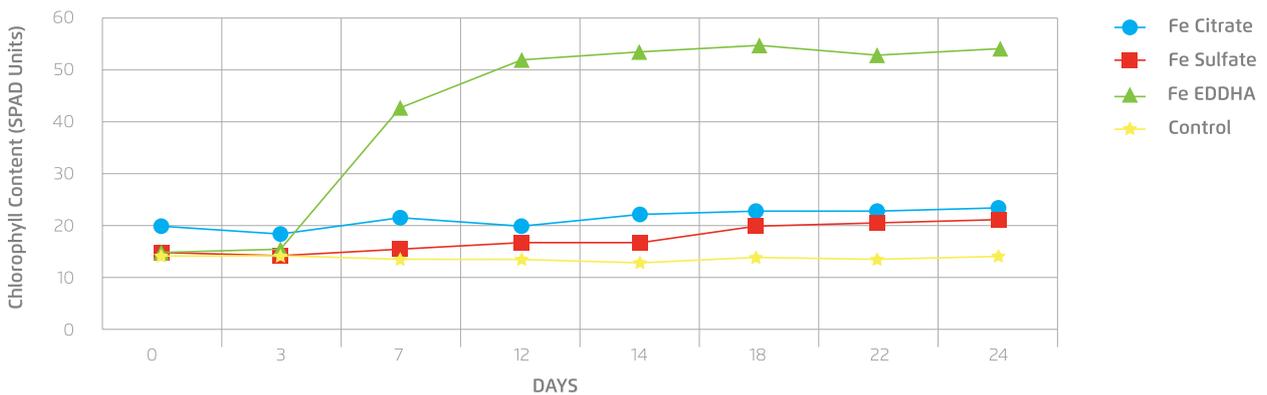
(%w/w)

Water-soluble Iron (Fe)	6,5
Iron chelated with EDDHA as ortho-ortho isomer	4,8



### Efficacy trials

Effect of iron delivery on chlorophyll content in lemon tree with iron chlorosis





## System and timing of application

**GOLDEN FER®** can be applied to all soils using water irrigation systems or directly to the soil. In medium texture soils, **GOLDEN FER®** can be sprayed onto the soil surface at a concentration of 10g/L, before proceeding with low pressure irrigation. In this case, not too much time should pass between product application and soil irrigation. With hard soils, the surface must first be removed before applying **GOLDEN FER®** in irrigation water.

To apply directly to crops, dissolve **GOLDEN FER®** in the water prior to irrigation, and use as recommended in the application dose table.

## Stability and storage

**GOLDEN FER®** is stable for at least 3 years from the date of manufacture.

Store in a cool, ventilated place at temperatures below 50°C.

Do not store for prolonged periods of time in direct sunlight. Keep out of the reach of children.

Do not eat, drink or smoke during use.

## Dosage

CROP	RECOMMENDED DOSE	APPLICATIONS
Citrus, avocado	50g/tree	Apply at start of production
	70g/tree	Apply at start of production
	100g/tree	Apply when production is at full yield
Cucumber, tomato	200g/1000m <sup>2</sup>	Apply in the vegetative growth phase
	300g/1000m <sup>2</sup>	Apply at start of production
	500g/1000m <sup>2</sup>	Apply when production is at full yield
Ornamentals	50g/m <sup>2</sup>	Apply at any time in the cycle
Vegetables	2-4 kg / ha	Apply in short cycle
	3-5 kg / ha	Apply in long cycle
Citrus	70g/tree	Apply at start of production
	100g/tree	Apply in the middle of production
	150-200g/tree	Apply when production is at full yield
Pistachio	50g/tree	Apply before growing
	70-100g/tree	Apply during production
Olives	50g/tree	Apply before growing
	80-120g/tree	Apply during production
Grapes	20-50g/vine	Apply at any time in the cycle
Strawberry	2-4 kg / ha	Apply at any time in the cycle

## Compatibility

It is recommended that a compatibility test be performed in a small volume before applying any mixture with this product. For further information, technical advices, or any enquiries, please contact your local distributor.