

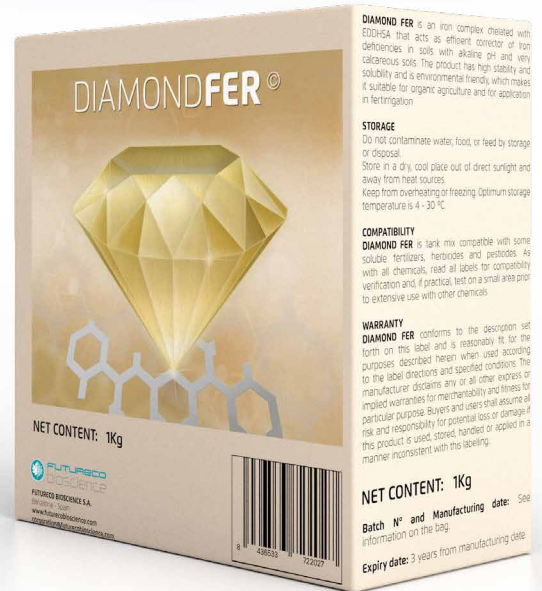
DiamondFer®

**IRON DEFICIENCY CORRECTOR
CHELATED WITH EDDHSA**

Benefits of use

GOLDEN FER PLUS is a new iron complex chelated with EDDHSA (6.0%). This product is an advanced formulation of Fe-EDDHA, with 100% ortho-ortho chelation enabled by the sulfonic S group inserted into its molecular structure. Iron is key for respiration and photosynthesis in plants. It is also very important for enzyme activities and chlorophyll synthesis. Chelation protects iron molecules from reactions with other elements and increases their availability for the plant. It also avoids the negative effects of calcium in calcareous soils which can immobilize the iron, making iron available for plants in a wide range of pH levels.

GOLDEN FER PLUS has very high stability and solubility, enabling excellent availability of iron for plants. Moreover, GOLDEN FER PLUS is environmentally-friendly and suitable for organic farming.



Composition

	(%w/w)
Water-soluble iron (Fe)	6.0
Chelated iron (EDDHSA ortho-ortho isomer)	3.8

Efficacy Trials

Efficacy trial of DIAMOND FER on an apple orchard in Fez (Morocco)

Density: 1300 tree/ha – Dose: 40 g DIAMOND FER/tree.



Foliage with iron chlorosis



Foliage 5 days after application of DIAMOND FER

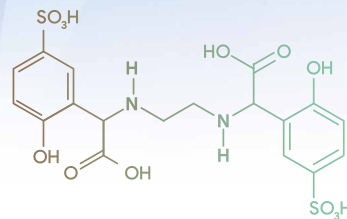
There was severe iron deficiency on the plot. All foliage had iron chlorosis.

After only 5 days of application, the treated plot showed significant colour improvement compared to the untreated control. Application of **DIAMOND FER** therefore quickly and effectively treats iron chlorosis.

System and time of application

DIAMOND FER can be used on all kinds of soil, either through irrigation systems or applied directly. On medium-texture soils, **DIAMOND FER** can be sprayed onto the soil surface at 10g/L, followed by low-pressure irrigation as soon as possible after product application. On hard soils, the surface should first be tilled to optimise application efficiency.

To apply directly to crops, dissolve **DIAMOND FER** in water prior to spraying and follow dosage instructions.



Chelated Iron by sulfonic group

Stability and storage

DIAMOND FER is stable for at least 3 years from date of manufacture. Store in a cool, well-ventilated place below 50°C. Do not leave in direct sun for long periods. Keep out of the reach of children. Do not eat, drink or smoke while handling the product.

Dosage

CROP	DOSE	OBSERVATIONS
Fruit trees	50 g/tree 25 g/tree	Apply in case of Fe deficiency Apply at fruit development to improve fruit quality
Vegetables, long cycle	3-6 Kg/Ha 2-4 Kg/Ha	For pronounced Fe deficiency Preventive at any time in the cycle
Vegetables, short cycle	2-5 Kg/Ha 2 Kg/Ha	Apply in case of Fe deficiency Apply at any time in the cycle
Citrus	40-60 g/tree 25 g/tree	Apply in case of Fe deficiency Application to improve fruit quality
Olive tree	5-10 g/tree	Apply in case of Fe deficiency
Grape	20-50 g/tree	Apply at any time in crop cycle
Banana	10-30 g/tree	Apply at any time in crop cycle
Strawberry	2-5 Kg/Ha	Apply at any time in crop cycle
Ornamental	50 g/m ²	Apply at any time in plant cycle

Compatibility

DIAMOND FER is compatible with most plant protection products and nutritional correctors. Before mixing with another product, conduct a compatibility test with a small volume. For further information, technical advice or any other enquiries, please contact your local distributor.