



# Microcare<sup>®</sup>

Fe EDDHA 6% FORT

Chelated Micronutrients

To prevent and cure Iron chlorosis under alkaline soil conditions

## Characteristics

Extra high performance FeEDDHA chelate EC Fertilizer

Fully soluble micro granules Ethylenediamine-N,N-bis(2-hydroxy-phenyl acetic acid) ferric-sodium complex:

- Appearance Dark red-brown
- Water soluble Fe 60%
- Fe by ortho-ortho 4.8
- Practical pH stability range 3-11



## Advantages Uses of Microcare<sup>®</sup> FORT Fe EDDHA 6%

For the correction of iron deficiency - Fe essential in the synthesis of chlorophyll, in crops and ornamentals growing adversely alkaline soils and calcareous soils, with pH > 7 and high contents of carbonate, which has a negative impact on Fe availability in the soil and Fe uptake by plant.

In addition to alkaline soil conditions, there are other factors Causing Fe Deficiencies, e.g: sandy soils, High phosphate levels, Dry soil conditions, Cold soil conditions, Poor root development, and not proper trace element application.

Iron (Fe) is essential for the production of chlorophyll, and electron reduction in iron deficient plants, there is yellowing between the veins of the youngest leaves whilst older leaves remain dark green. In severe cases, youngest leaves become white and then die, as iron is immobile in the plant, repeated applications usually are needed as new leaves develop

## Benefits of using Microcare<sup>®</sup> FORT Fe EDDHA 6%

It grantee long stability and availability under extreme alkaline soil conditions over other Chelates types and products due to extra high Ortho-Ortho content of EDDHA chelated form.

## RATES OF USE

The following dosages can be used as guidance. Always adapt to the crop and cultivar involved and to the local circumstances.

### Rates of Use:

Vegetbles	20 - 50 Kg \ Hectare
Field Crops	2 - 5 Kg \ Hectare
Cirus	
Young Trees	50 - 100 Gram \ Tree
Mature Trees	100 - 300 Gram \ Tree
Top fruit & nut trees (eg: apples, pears, peach, almonds, pistachio, etc...)	40 - 75 Gram \ Tree depending on size.
Grapes	10 - 25 Gram \ plant
Strawberries	30 - 50 Kg \ Hectare
Ornamental shrub	16-40 Gram \ plant
Ornamental plants	500 Gram \ 100 m <sup>2</sup>

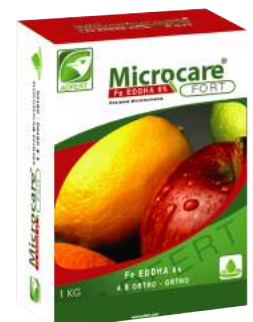
In case of very severe chlorosis, these dose rates can be split in several applications during the period sensible for deficiencies.

## Hydroponics & Fertigation

A concentration of 1ppm iron can be achieved by dissolving 17 grams of Microcare<sup>®</sup> FORT Fe EDDHA 6% in 1,000 liters of feed solution.

Bagging: Available in 1 Kg cardboard boxes with an inside polyethylene bag.

For more information, please contact our distributor in your area or contact us via e mail [info@adfert.ae](mailto:info@adfert.ae)



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