



# Microcare<sup>®</sup>

Fe EDDHA 6% **FORT**

Chelated Micronutrients



## Iron EDDHA CHELATE Fe 6%, 4.8 ORTHO-ORTHO

Microcare<sup>®</sup><sub>FORT</sub> a complete range of water soluble Trace elements straights & Combi produced by full cooperating and supporting by the biggest global Trace elements and chelating producers in the world

### Available Formulas:

Microcare<sup>®</sup><sub>FORT</sub> Fe EDDHA 6%: Iron formulas chelated by EDDHA chelated form added to soil to cover all plant needs & cure Iron chlorises under alkaline soil conditions.

Microcare<sup>®</sup><sub>FORT</sub> Fe DTPA: Iron Formulas chelated by DTPA.

Microcare<sup>®</sup><sub>FORT</sub> EDTA: formulations of Trace elements Chelated by EDTA, special design for foliar application & low pH soil.

Microcare<sup>®</sup><sub>FORT</sub> Fe13 Foliar Fe chelated for foliar application For fast correction & cure Iron chlorises.

Microcare<sup>®</sup><sub>FORT</sub> Zn15 Foliar Zn chelated for foliar application For fast correction & cure Zinc deficiency.

Microcare<sup>®</sup><sub>FORT</sub> Cu 15 Foliar Cu chelated for foliar application For fast correction & cure copper deficiency.

Microcare<sup>®</sup><sub>FORT</sub> Mn 15 Foliar Mn chelated for foliar application For fast correction & cure Manganese deficiency.

Microcare<sup>®</sup><sub>FORT</sub> Combi 1 & Combi 2: Mixture of trace elements chelated.



# Microcare<sup>®</sup>

Fe EDDHA 6% FORT

Chelated Micronutrients

To prevent and cure Iron chlorises 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	6.0%
• Fe chelated by ortho-ortho EDDHA	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, al,onds, 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)



DISCLAIMER  
All information is given to the best of adfert knowledge and is believed to be accurate. Your conditions of use and application of the suggested formulae and recommendations are beyond our control. There is no warranty regarding the accuracy of any given data or statements. Adfert specifically disclaims any responsibility or liability relating to the use of the suggested formulae and recommendations and shall under no circumstances whatsoever, be liable for any special, incidental or consequential damages which may arise from such use.

Abu Dhabi Fertilizers Industries Co. W.L.L.  
P. O Box No: 71871, Abu Dhabi, UAE  
Tel: +971 2 5511700  
Fax: +971 2 5511702  
Email: [info@adfert.ae](mailto:info@adfert.ae)

[www.adfert.com](http://www.adfert.com)