



## **Solufeed Fe 6 EDDHA Regular**

*Chelated iron fertilizer*

### **Description**

A high quality EDDHA-based chelated (sequestered) iron fertilizer containing 6.0% water soluble iron for preventing and correcting iron deficiency in most garden plants especially calcifuge subjects (lime-haters).

Fe EDDHA is the most stable of the commonly used chelates such as Fe EDTA or Fe DTPA and therefore much more effective. Solufeed Fe 6 EDDHA Regular is supplied as easy to use, dustless rapidly soluble microgranules.

Chemical stability also ensures compatibility with other popular garden fertilizers, especially those containing phosphates, making the product suitable for use in hydroponics and other liquid feed systems.

### **What is lime induced chlorosis (iron deficiency)?**

Lime induced chlorosis is a condition where the leaves of plants turn yellow. This typically affects susceptible species growing in high pH (limey) soils where iron is rendered unavailable and plants are deficient therein. Iron deficiency causes reduced chlorophyll production and hence loss of green colour.

Yellow leaves, as well as being unattractive, will significantly reduce the productivity of crops.

Plants most susceptible are calcifuge (lime-hating) subjects such as rhododendrons, azaleas and blue berries along with most rose varieties and fruit crops. However nearly all plants are more or less sensitive.



Iron deficiency cucumber

### **Chemical/physical data**

<b>Analysis:</b>	Water soluble iron:	6.0 %
	Chelated iron	Min 5.7 min

**Practical pH stability range:** 4 – 9 (in aqueous solution)

**Appearance:** Dark red/black spray dried agglomerated microgranule

**Solubility:** ~100 g/l (in water @ 20°C)

### Directions for use – Soil application

#### Rates of Use

Crop	Rates of Use
General	Apply 5 – 10 grams per m <sup>2</sup> of soil surface
Top Fruit <i>eg apples and pears</i>	Apply 25 - 125 grams per tree
Soft Fruit <i>eg strawberries and blueberries</i>	Apply 7.5 - 10 grams per m <sup>2</sup> of crop
Glasshouse crops <i>eg tomatoes, cucumbers and peppers</i>	Apply 2.5 – 5.0 grams per plant
Ornamental Shrubs <i>eg azaleas and rhododendrons</i>	Apply 20 - 50 grams per bush
Ornamental Plants <i>eg primroses and pansies</i>	Apply 60 grams per 10 m <sup>2</sup>

These rates indicate upper and lower limits for a single application. Actual amounts used will depend upon the size of the plant, the degree of deficiency and the prevailing conditions. Better results may be expected if reduced rate multiple applications are made at 7 – 10 day intervals. In this way plant response can be monitored and rates adjusted accordingly; ie. reduced if re-greening is excellent and increased if plants remain yellow.

The best way to apply **Solufeed Fe 6 EDDHA Regular** to the soil is to dissolve it in a convenient volume of water (e.g. 5 grams per litre in a watering can) then apply to the soil surface through a fine rose. If the soil is densely compacted, the surface should be broken up before application. Avoid contact of the solution with plant foliage.

Applications should always be incorporated into the top few centimetres of soil as soon as possible after application. This can be done by hoeing in, or by irrigation.

In general, application timing should ensure that the chelate is in the root feeding zone at the required time such as onset of seasonal growth. Again this is affected by many factors and will very much depend upon local conditions.

**Solufeed Fe 6 EDDHA Regular** gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason.

**Mixing With Water** Simply add the microgranules to water while it is being agitated, no need to pre-mix. Continue agitation for a short while to ensure complete dissolution.

## General information

**Packaging** 1 kg re-closable carton

**Technical service:** For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

## Precautions

**Statutory Caution:** To be used only where there is a recognised need. Do not exceed the appropriate dose rate.

Avoid prolonged exposure with the skin and wash hands after use.  
Keep away from children, pets and other domestic animals.  
Store in original resealed packaging in a safe dry place.

When dissolved in water *Solufeed Fe 6 EDDHA Regular* produces an intense dark red solution which can cause staining of the skin, clothes and surfaces. Therefore avoid spillages.

**Always read the label on the product you purchase before use.**

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

## Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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