



Fe "O-O 88" EDDHA

Chelated iron fertiliser with 5.3% of the iron chelated by the ortho-ortho EDDHA isomer

*Ultimate high performance spray
agglomerated formulation of
Fe EDDHA*

Uses

To prevent and correct iron deficiency in most, horticultural, ornamental and arable crops growing in soils of adversely high pH. Recommended for soil application either directly or via fertigation systems.

In high value cropping systems where absolute confidence in product efficacy is essential.

Benefits

Contains 6% water soluble iron chelated by EDDHA of which 5.3% (88%) is chelated by the most biologically effective *ortho-ortho* isomer.

The most reliable iron chelate even when used in the most adverse soil conditions.

Solufeed Fe 6.0 EDDHA O-O 88 is highly stable iron chelate suitable for use in high pH soils with high calcium carbonate levels.

Supplied as free-flowing, dustless and readily soluble spray agglomerated microgranules.

Compatible with soluble phosphates thereby remaining effective in hydroponics and liquid feed systems.

For more background information about chelates please ask for a copy of "*Why chelates?*" available from Solufeed.

Analysis

EC FERTILISER

A spray agglomerated microgranule formulation of Sodium ferric ethylenediamine bis-(2-hydroxyphenyl acetate) (Fe EDDHA Na) containing:

Water soluble Fe:	6.00%
Fe chelated by EDDHA:	5.70% minimum
Fe chelates by <i>o-o</i> EDDHA	5.30%

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

Analytical method available on request.

Chemical/physical data

Appearance:	Dark red/black spray dried agglomerated microgranule
Solubility:	~120 g/l (in water @ 20°C)

Directions for use – Soil application

Rates of Use

Crop	Rates of Use (kg/ha)
Field Crops	2.0 - 4.5 kg/ha
Citrus Young Trees Mature Tree Annual Maintenance	400 - 600g per 100m ² 150 - 450g per tree 80 - 120g per tree
Top Fruit	Apply 20 - 100 grams per tree.
Soft Fruit	Apply 600 - 800 grams per 100 metres of row in a band or as a side dressing.
Ornamental Shrubs	Apply 16 - 40 grams per bush.
Ornamental Plants	Apply 50 grams per 10 m ² .

These rates indicate upper and lower limits. Actual amounts used will depend upon the size of the crop and the degree of deficiency or both.

The best way to add *Solufeed Fe 6.0 EDDHA O-O 88* to the soil is to dissolve it in a convenient amount of water (e.g. 10 grams per litre) then apply as a coarse low pressure spray. If the soil is densely compacted, the surface should be broken up before application.

Applications should always be incorporated into the top few centimeters of soil as soon as possible after application. This can be done by harrowing or hoeing in, or by irrigation. For deep-rooting trees and shrubs, *Solufeed Fe 6.0 EDDHA O-O 88* solution may be applied to the root-feeding zone using a pressure injector.

Solufeed Fe 6.0 EDDHA O-O 88 may also be applied through irrigation systems by periodically adding the equivalent of 1.0kg per hectare in 10,000 litres of water. Frequency of addition will depend on the degree of deficiency.

Timing

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.

For annual field crops, apply just before sowing/planting or when iron deficiency symptoms begin to appear.

Hydroponics/fertigation

1ppm (17.86mmol/l) iron can be achieved by adding 17 grams of *Solufeed Fe 6.0 EDDHA O-O 88* per 1000 litres of solution.

General information

Solufeed Fe 6.0 EDDHA O-O 88 gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions that are responsible for one particular deficiency can also induce deficiencies of other micronutrients. Always ensure that deficiencies are confirmed before treatment is carried out.

Mixing With Water

Simply add the microgranules to water while it is being agitated, do not pre-mix. Continue agitation for a short while to ensure complete dissolution.

Compatibility

Solufeed Fe 6.0 EDDHA O-O 88 is compatible with *Solufeed* chelates and with solutions containing soluble phosphates such as liquid feeds.

Technical service

Please contact Solufeed at the address below for assistance.

Precautions

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

No health hazard is involved when *Solufeed Fe 6.0 EDDHA O-O 88* is used as directed.

No special precautions are necessary for transport by air, sea, rail or road.

Storage

Solufeed Fe 6.0 EDDHA O-O 88 will store for a minimum of 2 years under normal conditions. For user convenience, it is recommended that the product is stored in a dry place. Re-seal partly used packs tightly.

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

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.

Please note that products may differ or be unavailable in certain territories.

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