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# G&G IRON PLUS

## EC Fertilizer

Ultra High Performance Iron EDDHA Chelate

- Ultra high purity
- Fully water soluble
- Micro-granular formulation



## **Product Information**

### **Product Type.**

Micronutrient fertilizer conforming to the definition of an “EC FERTILIZER”.

### **Description.**

An ultra high purity, fully water soluble micro-granular formulation of Sodium Ferric Ethylenediamine bis –(2-hydroxyphenyl acetate) – (FeEDDHANa).

### **Uses.**

- For the treatment of iron deficiency in crops and ornamentals growing in adversely alkaline and calcareous soils.
- As a micronutrient source in Hydroponics, liquid feed solutions and soilless growing media.

### **Typical Analysis.**

Water soluble iron (as Fe)	6,00 % w/w
Iron chelated by EDDHA (as Fe)	5,70 % w/w minimum
Iron chelated by `o´ – `o´ EDDHA (as Fe)	4,80 % w/w

### **Appearance.**

Dark red/black spray agglomerated microgranule.

### **Solubility (in water).**

100 g/l (at 20 °C)

### **Packing**

1 kilo in aluminum bag inside, a printed carton box with stick label or not. 12 units per box.

### **Storage.**

G&G Iron Plus will store indefinitely under normal conditions. For user convenience it is recommended that the product is stored in a dry place. Re-seal partly used packs tightly.



## Directions for Use.

G&G Iron Plus gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions which are responsible for one particular deficiency can also induce deficiencies of other micro-nutrients. Always ensure that deficiencies are confirmed before treatment is carried out.

For the mixing process, G&G Iron Plus granules should be added slowly to the main bulk of the water while it is being agitated. Continue agitation for a short while to ensure complete dissolution.

G&G Iron Plus is compatible with other chelates and solutions containing soluble phosphates.

### Soil Application.

The best way to add G&G Iron Plus to the soil is to dissolve it in a convenient amount of water (e.g. 10 grams per liter) 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.

G&G Iron Plus may also be applied through irrigation systems by periodically adding the equivalent of 1,0 kg per hectare in 10.000 liters of water. Frequency of addition will depend on the degree of deficiency.

## Rates of Use

Crop	Rate of Use
Field Crops	Apply 2,0 – 4,5 kg/ha just before sowing/planting or when iron deficiency symptoms being to appear
Citrus Young Trees	Apply 400 – 600 g per 100 m <sup>2</sup>
Mature Trees	Apply 150 – 450 g per tree
Annual Maintenance	Apply 80 – 120 g per tree
Top Fruit and Nut trees	Apply 20 – 100 g per tree depending on size
Grapes and Soft Fruit	Apply 600 – 800 g per 100 meters of row
Ornamental Shrubs	Apply 16 – 40 g per bush
Ornamental Plants	Apply 50 g per 10 m <sup>2</sup>

- *These rates indicate upper and lower limits. Actual amounts used will depend upon the size of the crop, the degree of deficiency and local practices.*

## Hydroponic Application.

Rates of Use: 1 ppm iron can be achieved by adding 17 g of G&G Iron Plus per 1.000 liters of solution. Where stock tank is used, the above may be proportionate up by the appropriate dilution factor.

To be used only where there is a recognized need. Do not exceed the appropriate dose rate.