

# PhytoGreen®-IronCarboxylate

## EC-FERTILIZER IRON FERTILIZER LIQUID

Corrects and prevents the lack of iron of any culture. Quick absorption and action in the plant. Stable product in the whole pH's range.

### The active ingredient of the product:

#### 5 % water soluble iron (58,5 g/l Fe)

Density 1,17 kg/l, pH = 2,4

The main basis of this product is the use of low-molecular weight carboxylic acids which act as complexing agents.

### Recommendations for use:

#### General:

To prevent and remedy iron-induced chlorosis: 2-5 l/ha as foliar application or 5-8 l/ha as soil application.

#### Berry fruits:

1-2 foliar applications with 3-5 l/ha from beginning of vegetation until harvest.

**Stonefruit:** 1-2 foliar applications with 3-5 l/ha from fruit setting until harvest.

#### Pip fruit:

Leaf development, fruit setting, yield: 3-5 l/ha as foliar application during full flowering, finish flowering, post flowering and at hazelnut size. To achieve a plain shell, against greasiness, to prevent and remedy iron-induced chlorosis: 1-2 times with 5 l/ha as of walnut size.

#### Vine:

4 foliar applications with 3-5 l/ha after sprouting until the grapes have reached their full size.

Carboxylic acids appear in plants in a natural way. Examples are formic acid, malic acid, butyric acid, tartaric acid, citric or acetic acid.

Carboxylic acids are a carbonic structure with one or more carboxylic groups (R-COOH). They deprotonate in a basic environment and form water soluble carboxylic salts with nutrient ions such as iron.

Furthermore, carboxylic acids improve growth and vitality of the culture as well as yield quality.

#### Arable farming:

Several foliar applications with 3-5 l/ha.

#### Ornamental plants:

4 foliar applications with 30-50 ml/100 m<sup>2</sup> (3-5 l/ha).

#### Mediterranean plants and citrus:

0.5-1.0% as foliar application.

### Directions:

#### Miscibility:

PhytoGreen®-IronCarboxylate can be mixed with usual plant protection products. However, since it is not possible to foresee any or all instances that may occur in practice it is in any case recommended to perform a trial first and apply the mixture to a small quantity of products intended to be treated.

#### Pack sizes:

20 l • 200 l

More pack sizes upon request.

Apply only if cultures require additional nutrients (consider plant demand and soil analysis). Do not exceed recommended application rates.

Apply on dry leaves and at least two hours before irrigation or rain.

#### Storage:

In a closed container, protected from sun light, not below 4°C.



**PHYTO solution**

... Plant nutrition with system