

**AMINA-Fe** is a liquid iron fertilizer with amino acids. Due to its synthesis, **AMINA-Fe** is easily and directly assimilated by the plants and therefore achieves the quick correction and prevention of iron deficiencies. Furthermore it enhances the plant growth and improves the qualitative characteristics of the harvest leading to profitable crops.

#### PROPERTIES - USES

**AMINA-Fe** can be applied in all crops offering the following benefits:

- \* Corrects quickly and efficiently the iron deficiencies.
- \* Stimulates plant growth.
- \* Enhances plant vigour.
- \* Improves the qualitative characteristics of the harvest.
- \* Fortifies the resistance of plants against stress.
- \* Provides high yields to the grower.

#### COMPATIBILITY

It can be mixed with almost all insecticides, fungicides and pesticides. It can also be mixed with liquid and water soluble fertilizers and phosphate products. Follow the instructions of the pesticide manufacturers before mixing with **AMINA-Fe**. In any case it is recommended to conduct a test of compatibility before mixing in the tank.

#### STORAGE

Store well sealed in its original container. Keep it in a dry place far from frost, high temperatures and intense sun light. Keep out of the reach of pets.

#### USE

Do not apply in crops suffering from stress caused by extreme temperatures, strong winds etc. Avoid foliar applications during strong wind, impending rainfall and intense sunlight. It is recommended the applications to be conducted in the evening when the humidity is ideal. Soil applications are recommended only in soils of acid to neutral pH.

**KEEP OUT OF THE REACH OF CHILDREN**

## Liquid Iron Solution with Amino acids

# AMINA-Fe

**2 - 0 - 0 + 0,65Fe**

<b>SYNTHESIS</b>	<b>(% w/w)</b>	<b>(% w/v)</b>
<b>Iron (Fe)</b>	<b>0,65</b>	<b>0,67</b>
(Fe-EDTA)	5,0	5,2
<b>Nitrogen (N)</b>	<b>1,98</b>	<b>2,1</b>
Organic-N	1,98	2,1
<b>L-Amino acids</b>	<b>12.0</b>	<b>12.4</b>
<b>pH</b>		<b>5.0-5.5</b>
<b>Conductivity (mS/cm)</b>		<b>12.4</b>
<b>Salinity (ppt)</b>		<b>7.1</b>

- **For the prevention and cure of iron deficiencies**
- **Enhances growth and leads to high yields**
- **Suitable for foliar sprays and fertigation**



Net Content

**1 L**

PRODUCED BY



1 Ermou & Theotokopoulou str., 144 52 Metamorphosis  
Tel. +30 210 284 5891, Fax. +30 210 281 7971  
E-mail: info@humofert.gr Web Site: www.humofert.gr

#### APPLICATION-RATE

**AMINA-Fe** is suitable for all crops grown in the open field and in the greenhouse. It is recommended for foliar sprays, hydroponic systems and soil applications through fertigation at the following application rates (**Note: The following application rates are general. The exact application rates must be calculated according to the type and the size of the plant, the soil type, the environmental conditions as well as the severity of the nutrient deficiency.**)

Foliar spray

Dilute in an appropriate amount of water and spray. In any case the maximum dilution rate must not exceed 1 liter per 100 liters of water.

**Open field Horticulture-Vegetables:** 20-40 l/ha

**Greenhouse horticulture:** 10 l/ha

Fruit trees, **Vineyard:** 20-40 l/ha in a program of repeated sprays at an application rate 10 l per 1,000 liters of water/ha

**Cereals, Fodders:** 10-20 l/ha

**Ornamentals:** 2 l/ha (usually we apply at an application rate 1 l/1,000 l of water)

**Hydroponics**

1-2 l per 1,000 l of nutrient solution, after we first adjust the pH of the nutrient solution to 6. If symptoms persist, repeat the treatment 10-14 days later.

**Fertigation**

**Open field Horticulture-Vegetables:** 30-80 l/ha

**Greenhouse horticulture:** 50-100 l/ha

**Fruit trees, Vineyard:** 2-10 l/ha

**Ornamentals:** 2 l/1,000 l of water

#### APPLICATION PERIOD

The number of the applications is largely determined by the appearance and the severity of the presented iron deficiencies. In the case of foliar spray it is important to have sufficient foliage to absorb the spray. In case of extreme deficiencies, applications must be repeated every 15 days.

**SHAKE WELL BEFORE USE**

