

MAR-AMINO-FER®

• Description

MAR-AMINO-FER® is a water-soluble fertilizer rich in organic matter, free amino acids, iron, magnesium, sulfur, and other essential nutrients necessary for healthy plant growth and development.

MAR-AMINO-FER® improves soil cation exchange capacity, enhances beneficial microflora and microfauna activity, and optimizes soil structure, promoting a strong and efficient root system.

Free amino acids in MAR-AMINO-FER® are readily available to plants, helping them cope with stress during rooting and establishment. Sulfur supports cystine amino acid synthesis, while iron plays a vital role in photosynthesis and respiration, preventing and correcting iron deficiency, especially in high pH soils.

Nitrogen and magnesium enhance chlorophyll production and carbohydrate synthesis for energy, while organic nitrogen supports balanced cell division, improving plant strength and firmness.

• Key benefits

- Improves soil structure and cation exchange capacity
- Enhances root development and nutrient uptake
- Provides free amino acids to help plants cope with stress
- Supports photosynthesis, respiration, and amino acid synthesis
- Prevents and corrects iron deficiency
- Stimulates chlorophyll production and carbohydrate synthesis
- Supports balanced cell division and plant firmness

• Composition

Component	Content (% w/w)
Organic Matter	18 %
Free Amino Acids	8 %
Organic Nitrogen	1.5 %
Water-soluble Iron (Fe)	15 %
Water-soluble Magnesium (Mg)	4 %
Water-soluble Sulfur (SO ₃)	8 %

• Application rates

Crop type	Foliar application	Root / soil application
Vegetable Crops	750–1000 g/ha	1.5–2 kg/ha
Industrial and Field crops	750–1000 g/ha	1.5–2 kg/ha
Greenhouse Crops	1000–1500 g/ha	2.5–5 kg/ha

Packaging : 1 kg, 5 kg

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