Santa Fe

Fertilizers based on EDDHA-chelated iron

EC FERTILIZER

FERTILIZERS BASED ON IRON CHELATED WITH EDDHA

SANTA FE is a range of fertilizers based on iron chelated with EDDHA, designed to prevent and treat physiological disorders and nutritional imbalances caused by iron deficiency—conditions that manifest as leaf withering and yellowing, stunted growth, and impaired flowering and fruiting. The EDDHA chelating agent enables the iron to penetrate the soil and be absorbed by the roots, thereby allowing the plant to synthesize chlorophyll, the foundation of the energy source for plant life. High solubility, rapid assimilation, high iron concentration, and excellent soil stability make SANTA FE products ideal for resolving chlorosis issues, even under extreme conditions.

Fertilizer	Chelating agent	Total iron (Fe)	Water-soluble iron (Fe) %	chelated fraction %	Iron (Fe) ortho-ortho isomer	Nr. SIAN
SANTE Fe 4.8	EDDHA	6	6	100	4,8	0015966/16
SANTA Fe 4.2	EDDHA	6	6	100	4,2	0015967/16
SANTA Fe 3.0	EDDHA	6	6	100	3	0015968/16

- *Resolve iron chlorosis issues.*
- *High stability, even in highly alkaline and calcareous soils.*
- *Greening effect.*
- *Free from impurities.*
- *High water solubility.*
- *Rapid root uptake.*
- *Recommended for hydroponics.*

1 kg

5 kg

20 kg

PHYSICAL PROPERTIES
pH (1% solution) 7 - 8
Solubility (g/L, 20°C) 50 - 60
Color Brick red

FORMULATION
Soluble microgranules

PACKAGING
Bag 1 kg
Bag 5 kg
Bag 20 kg

APPLICATION
Soil application

MODE OF USE	CULTURE	DOSES	WHEN TO APPLY IT
Radical	*Fruit-bearing plants*	*30–40 g for young plants, 50–100 g for mature plants*	*Apply at the resumption of vegetative growth, when uptake is highest, or when a need has been identified.*
	Vegetable crops; Floricultural crops; Industrial crops	*4 - 7 kg/ha*	
	Nurseries	*4 – 6 g/m²*	
	Hydroponic Crops	*10 – 20 g/m3 of water*	

Precautions: The iron micronutrient, chelated with EDDHA, is stable within a pH range of 3 to 11. Use only where there is a recognized need. Adhere to the specified dosage rates. Conduct preliminary tests before mixing with other products. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.