

New

VitaFer Fe Complex

Innovative, single-component fertilizer for emergency and preventive iron supply. Fe (iron) has been 100% chelated with an organic factor (heptagluconic acid), which significantly increases the absorption of the nutrient.



6,05% Fe

%(m/v)

Density 1,21 kg/l

pH 2,0-3,00

The role of iron in crops:

- Optimizes the process of photosynthesis, chlorophyll synthesis, lignin synthesis, nucleotide metabolism and cellular respiration
- It influences the proper growth and development of plants, stimulates flowering and fruiting
- It improves the efficiency of nitrogen management by binding free nitrogen and reducing nitrates and stimulates protein production
- It takes part in the metabolism of fatty acids
- It improves the functioning of the symbiosis between plants and bacteria capable of fixing atmospheric nitrogen

Iron deficiency causes:

- Root deformation due to changes in the shape of parenchyma cells
- Chlorosis of apical leaves, dying of shoots and branches in fruit and nursery crops
- Plant growth is inhibited, plants affected by the deficiency show reduced vitality and reduced ability to produce flowers and fruits
- Deterioration of storage properties and deterioration of quality parameters of the crop

Recommendations for use:

- For preventive and emergency use in the event of iron deficiency in crops particularly sensitive to iron deficiency: corn, wheat, flax, alfalfa, berries, orchards, nurseries, vegetables and ornamental plants, tomatoes, cucumbers, beans and broad beans.
- On soils with a high pH above 6.5, on soils rich in calcium and phosphates.
- In order to improve the resistance of plants to abiotic and biotic stress conditions, in particular drought, intense UV radiation, negative effects of fungal diseases and pest pressure
- In order to improve the qualitative and quantitative parameters of the main crop
- To improve water management of plants and increase resistance to drought conditions and excessive UV radiation
- To stimulate the proper development of the root system and increase the absorption of nutrients and water from the soil

Dosage and timing of application:

Crop	Dose (l/ha)	Timing and number of treatments
Orchard crops	2-4	1-2 treatments, 1 treatment in the mouse ear phase, 2nd treatment the beginning of fruit fall or after flowering
Blueberry	2-4	1st treatment: bud break, beginning of leaf development, 2nd treatment: 50% of fruit produced
Strawberry	2-4	3-4 treatments from the beginning of vegetation to the beginning of flowering every 10-14 days, 1 treatment after fruit harvest
Vegetables	1-3	3-4 treatments from the 4th leaf phase, during the period of intensive growth, every 10-14 days
Potatoes	1-3	3-4 treatments from the tuber formation phase to the beginning of haulm drying, every 10-14 days
Ornamental plants	1-3	2-4 treatments from the 4-6 leaf phase, during the period of intensive growth, every 10-14 days
Field crops	1-2	2-3 treatments in spring during the period of intensive growth, every 10-14 days

- fertigation: 0.25%

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