



Iron fertilizer in
solution form
according to
M.D. 50424/2025

IonFe++[®]

Ionic Concentrated Iron



IONIC IRON
FeSO₄-7H₂O

Composition (w/v):
Water soluble
iron (Fe⁺⁺).....5%
Sulfate anion (SO₄⁻).....40%

PROPERTIES

IonFe++ is a liquid and acid reaction formulation of concentrated iron sulfate heptahydrate in hydrated ionic form. Its innovative technology allows iron ions to remain stable and bioactive until fully absorbed by plant tissues.

The main feature of **IonFe++** is its good penetrating ability, when sprayed on the foliage of plants (foliage), directly and significantly increasing the iron content of plants. It does not soil or paint the plants that are sprayed.

IonFe++ is used to prevent and treat iron deficiency in plants, known as mesoneurial chlorosis. It is common in alkaline and calcareous soils with high pH (pH > 7.5), in very acidic and very light, sandy soils or in soils very poor in organic matter.

It is manifested by chlorination (yellowing) of the leaves, initially of the new leaves at the top of the shoots, especially with the rise of temperature. Chlorination is due to the inability to synthesize chlorophyll from the leaves, resulting in reduced growth and low crop yields.

With the use of **IonFe++**, iron is administered immediately, the production of chlorophyll is activated and photosynthesis is intensified. If symptoms of malnutrition have already occurred, the **IonFe++** will green the color of the older chlorotic leaves, while new leaves that will develop after its foliar application will not be chlorotic.

METHOD AND TIME OF APPLICATION, CROPS

IonFe++ applies to all crops such as vegetables, strawberries, potatoes, legumes, arable crops, fruits, nuts, citrus fruits, kiwis, vines, olives, pomegranates, ornamentals, lawns, preventive or therapeutic growth.

Creates a homogeneous (without agglomerates) and stable aqueous solution. It is applied by hydro-lubrication or by spraying foliage (foliar), with universal and uniform wetting to runoff.

DOSAGE

Foliage: 100-200ml per 100 liters of water, depending on the needs of each crop.

Hydro-fertilization: 2-4 LT **IonFe++** per hectare.

Duplicate applications may be required. Avoid overdosing.

COMBINITY

Combines / mixes with most agrochemicals.

Not combined with fosetyl-Al and chlorpyrifos.

STORAGE CONDITIONS

Store in its packaging, at a temperature of -4°C, in a closed warehouse, protected from extreme temperatures, fire and humidity.

PACKAGE: 1LT

suitable for use in organic farming, according to
with the requirements of Regulations EU 848/2018 & 1165/2021

**NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System
and EN ISO 14001:2015 Environmental Management System**



**It's not a plant
protection product**



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NitroFarm

— since 1976 —