

AT A GLANCE

FERRIC NITRATE 10%

Description

Ferric Nitrate Solution is a convenient and effective way to provide nutrients to plants. This product contains 10% iron, which is an essential nutrient for plants. It can be utilized to prevent or correct iron nutrient deficiencies in crops. Ferric Nitrate is a solution of iron in water that provides a source of soluble iron to crops. It can help correct and prevent iron deficiencies in crops, increase photosynthesis and help improve overall plant health and vigor. Ferric Nitrate solution is specially formulated for use with drip or micro-irrigation or spray irrigation systems.

Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility.
Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife.

Function of Iron in Plants

- Increase photosynthesis
- Improve health & Vigor
- Required by enzymes inside the plant

Symptoms of Iron Deficiency

- Appears in new leaves first
- Interveneal chlorosis or bleaching

Availability

Bulk or IBCs



Chemical & Physical Properties

Chemical Formula	Fe(NO ₃) ₃
CAS Number	10421-48-4
pH	<1.0
Specific Gravity @ 60°F (17.8°C)	1.455
Salt-Out Temperature	55°F (12.8°C)
Color	Reddish brown
Odor	No odor detected
Weight per Gallon @ 60F (15.5°C)	12.13 lbs./gal (1.46 kg/L)

Typical Analysis

Total Nitrogen (N)	7.0%
7.0% Nitrate Nitrogen	
Iron (Fe)	10.0%
Derived from Ferric Nitrate	

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



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