

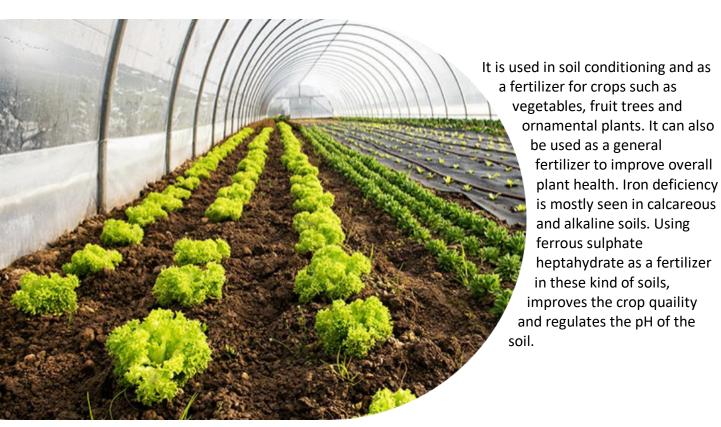


## FERROUS SULPHATE HEPTAHYDRATE FOR AGRICULTURE

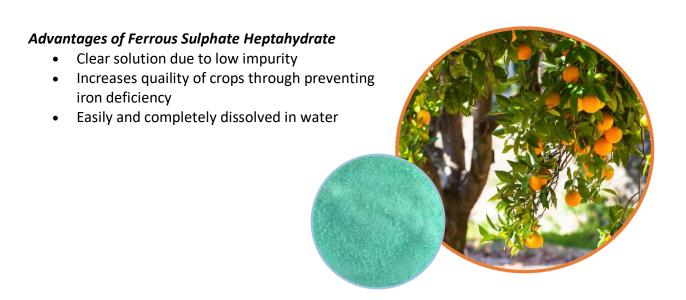
Iron is an important element for all plants in chlorophyll synthesis, and clorophyll which is the molecule that plants use to convert sunlight into energy, is vital for photosynthetic activity. Thus in case of iron deficiency, plant leaves become yellow and die.

Ferrous sulphate heptahydrate is essential source of iron, formed as blue-green crystal, containing minimum %19 iron and it is also called as green vitriol or copperas.





The dosage of ferrous sulphate heptahydrate to be selected varies depending on the crop and level of iron deficiency and it is usually applied in solution form for foliar application.





Chemical Composition	Ferrous Sulphate Heptahydrate
Formula	FeSO <sub>4</sub> 7H2O
Active Substance	min. %19 Fe

Physical Properties	Ferrous Sulphate Heptahydrate
Appearance	Blue-green crystalline
Size	< 2 mm

Heavy Metals	Ferrous Sulphate Heptahydrate
Cadmium (Cd)	< 10 ppm
Lead (Pb)	< 50 ppm
Mercury (Hg)	< 1 ppm
Arsenic (As)	< 5 ppm

