



Nano Iron

Nano Iron is based on nano iron particles encapsulated by a chitosan-based bio polymer, embedded on an amino acid and suspended in water. Nano Iron has a particle size of less than 100 nano meter and with a potency of 10,000 ppm. Nano Iron provides the plant with bio available iron. Iron is a key determinant of various biological functions like photosynthesis and respiration in plants. Iron is a component of many enzymes associated with energy transfer, nitrogen reduction and fixation and lignin formation.

Components	(%) w/w
Iron as Fe	1%
Organic acids	11.5%
Thickening agents	0.6%
Emulsifiers	0.2%
Sodium as Na	0.18%
Boron as B	0.09%
Water	Q.S.

Dosage & Application | 10,000ppm

2 to 3 split doses are recommended

Crops	Litre per Hectare
Alfalfa	2
Barley	3
Peas	7
Potato	9
Corn	2
Oats	10
Wheat	5

Benefits

- Nano Iron owing to its small particle size is immediately bio available and is quickly absorbed by plants
- Aids in photosynthesis & respiration of plants
- Iron being an essential catalyst for many biological plant functions becomes available preventing leaf necrosis and interveinal chlorosis
- Highly photostable, does not oxidise in sunlight
- Compatible with all biofertilizers, chemical pesticides, fertilizers, micronutrients, PGRs, botanicals
- Works in high & low temperature
- Works in high & low humidity
- Non-phytotoxic
- Works in high and low humidity