

TECHNICAL DATA SHEET LIGNO FER (PLANT ORIGINATED ORGANIC MATERIAL BASED IRON)

DESCRIPTION: % 100 Water Soluble Iron Lignosulphonate Fertilizer formulated for correcting iron deficiency, for agricultural use only.

TECHNICAL SPECIFICATIONS:

Physical Form: Water Soluble Powder Fertilizer
Product Colour: Brown
Product Odour: Slightly Woody
Shelf Life: 4 years
Origin: TURKEY
Producer: SAMİ KÜÇÜKKOCA TARIM TİCARET

COMPOSITION (w/w):

Ferrous (Fe) 11.0%
Sulphur (S) 8.0%
Total Organic Material 55.0%
pH: 4 - 6

ADVANTAGES AND PROPERTIES :

LIGNO FER prevents and cures the iron deficiency. LIGNO FER is a spray dried Iron Lignosulphonate Micronutrient. The product does not settle-out, produces no phytotoxic symptoms to plants and is highly effective for preventing and correcting iron deficiency when used at labeled rates. LIGNO FER is recommended to prevent and correct iron deficiency of field, row, vegetable, fruit, tree, and vine crops. Applied alone, with pesticides, or with other fertilizers, this product may be applied directly to the soil or to the foliage of growing crops via ground sprayers, aircraft or fertigation systems.

DIRECTIONS FOR USE :

FOLIAR APPLICATION: Actively growing plants with young leaves absorb foliarly applied LIGNO FER most efficiently. Immediate post-irrigation or post-rainfall application will enhance foliar uptake. Through coverage and wetting are needed for optimum foliar spray results. Applications should be separated by a minimum of 7-14 days. AVOID foliar applications of this product when plants are under moisture stress. AVOID foliar applications to deciduous tree crops during bloom. Should be applied at a time when the particular crop being treated has its highest input requirements for or is most responsive to microelement treatments. **SOIL APPLICATION:** The lower rates are for field, row and vegetable crops. The higher rates are for fruit, tree, and vine crops.

FOLIAR APPLICATION (DOSES PER HECTARE & TREATMENT)

FRUIT CROPS (stone fruit, kiwi, citrus, tropic fruits...) 1.0 – 2.0 KG.

VEGETABLES (tomatoe, pepper, squash, eggplant, cucumber, melons...) 1.0 – 2.0 KG.

ORNAMENTALS (rose, carna_on...) 1.0 – 1.5 KG.

AGRICULTURAL CROPS (potatoes, maize, sugar beet, cereals ...) 1.0 – 2.0 KG.

FERTIGATION (DOSES PER HECTARE & SEASON) 7.0 –9.0 KG.

Foliar Application : Dissolve recommended doses per hectare into sufficient amount of water. Two applications per season are recommended to prevent micronutrient deficiency. Treatments should be applied at periods of intense vegetative growth (i.e. flowering, fruit development). In post-emergence treatments, apply one treatment every 10-20 days until deficiency symptoms disappear.

SOIL APPLICATION Apply to soil around plants as a powder , liquid spray , liquid injection or through drip irrigation. When applied as a powder it must be washed in within 4 hours of treatment. Soil sprays should be coarse and be applied in a volume of water which ensures adequate wetting of the soil.

FOLIAR APPLICATION Do not apply this product when the crop is under water stress. Dissolve product in a convenient amount of water. Spraying should be carried out on a calm day but not during strong sunshine.

PACKING : 0.25 - 0.5 - 1 - 2 - 5 - 10 - 25 Kg.

APPROPRIATE WAREHOUSE CONDITIONS: Try to keep the product between + 5, - 25 C in its original packaging far from the human, animal and food. Be aware of direct sunlight.

USAGE SECURITY REGULATIONS : This product is not toxic. After usage wash your hands and face with water and soap.