

Manganese Sulphate Monohydrate

Manganese Sulphate Monohydrate is an important manganese fertilizer. Manganese is a part of enzymes involved in respiration and protein synthesis. It not only strengthens the plant roots and resists the hurricane, but also promotes the crops yield.

Efficacy

- ◆ Increase the healthiness and prospective growth of plants.
- ◆ Prevent and alleviate manganese deficiencies.
- ◆ Manganese in this fertilizer makes it especially desirable for Mn-loving plants such as Soybeans, small grains, fruit trees, cotton, leafy vegetables, dry beans, and sugar beets.
- ◆ Usually be used in top dressing, seed soaking or foliar spraying.

Typical Properties

Property	Specification
Appearance	White to light pink powder
MnSO ₄	98.0% min.
Mn	31.8% min.
Fe	0.004% max.
Cl	0.004% max.
pH	5.0-7.0
Insoluble matters	0.05% max.

Compatibility

Manganese sulphate monohydrate is compatible with most crop protection products. However it is recommended that prior to pre-mix the commercial application. Avoid mixing with mono ammonium phosphate or calcium fertilizers.

Recommended Applications

Method & Dosage	Crops	Application Time
Seed manure: 60-120kg/ha	Maize, wheat, rice	Mix with ammonium sulphate, ammonium chloride, potassium chloride and other organic fertilizer. Keep it at a distance of 3-5cm from seed.
Foliar spraying: Field crop (0.05-0.1% Conc.) Fruit trees 750-1300kg/ha (0.3-0.4% Conc.)	Maize, rice, wheat, cotton, rapeseed plant, soybean, peanut, sweet potato, fruit trees, vegetables	1-2 applications at seedling stage and reproductive growth every 7 days
Immersion of seed: (0.1%-0.2% Conc.)	Maize, wheat, rice	Dip seeds into the solution for 6-8 hours

Packaging

- 25kgs/50kgs in plastic woven bag lined with plastic bag.
- Special packaging is available on request.

Storage

The product should be stored in its original packaging, with your respective label, in a airy, cool, dry places, far from sources of heat/ignition.



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