

Manganese Sulphate

The use of this product in the soil can provide Manganese required by the plant. This fertilizer also plays an effective role in improving the physical and chemical characteristics of calcareous and sodic soils by providing the sulfur needed by the plant in the form of sulfate, and increases the ability to absorb nutrients and adjust the pH of the soil. The use of organic fertilizers can stabilize dissolved manganese and reduce its absorption in the soil, so it is necessary to use manganese sulfate in soils that are fortified with animal manures.

Benefits

Specific supply of manganese and sulfate needed by the plant

Increasing the production of effective enzymes in the photosynthesis process

Adjusting the pH of calcareous soils

Activation of IAA oxidases and peroxidases

Composition (W/W) %

Mn	30
SO ₄ ²⁻	56

Application Rate

Crops	How to use	Dosage	Time
Field Crops	Fertigation	20 – 10 kg/ha	After clawing
Corn	Fertigation	20 kg/ha	Before the emergence of male flowers
Field Crops	Foliar Application	2 kg per 1000 liters of water per hectare	4 to 6 leaves Stage
Vegetables	Foliar Application	2 kg per 1000 liters of water per hectare	After each harvest stage
Fruit vegetables	Foliar Application	1 kg per 1000 liters of water per hectare	6 to 8 leaves Stage and branch development
Fruit trees	Soil Application	150 to 300 grams per tree	In winter or early spring
Fruit trees	Foliar Application	2 kg per 1000 liters of water per hectare	beginning of spring
Citrus	Soil Application	250 to 350 grams per tree	In winter or early spring
Citrus	Foliar Application	3 kg per 1000 liters of water per hectare	Before the fruits change color