

# NIAM SULFUR FERTILIZER


Sulfur is one of the essential ingredients for plant growth. Plants need a higher amount of Sulfur with respect to Phosphorus. Sulfur is absorbed in the ionic Sulfate form. As a result it must be applied along with organic matter. The organic matter hosts heterotrophic microbes which are essential for biological oxidation of Sulfur within the soil.

As Sulfur is converted to its Sulfate form PH levels are lowered (increasing acidity)

Elements such as Iron, Zinc, Manganese, Magnesium and Copper increase. This further reduces Chlorosis syndrome. Various studies show that sulfur organic fertilizer increases the Copper increases.

Various studies show that sulfur organic fertilizer increases the absorption rate of phosphorus.



Manufactured in Iran 

## DOSAGE AND APPLICATION TIMING

Crop Type	Cereals	Oilseeds	Fruit Orchards	Vegetables & Cucurbits	Potato, Onion, Sugar Beet	Greenhouse Crops	Pistachio
Application Rate	200–300 kg/ha	300–500 kg/ha	3–4 kg per tree	300–700 kg/ha	300–600 kg/ha	10–20kg/m <sup>2</sup>	3–6 kg per tree
Time of Application	Before planting	Before planting	Before bud break	Before planting	Before planting	Before planting and throughout the growth period	Before bud break and during kernel filling

## GUARANTEED ANALYSIS

SMC	OM	S <sub>Total</sub>	S	SO <sub>4</sub>	Ca	pH
60%	25%	15%	12%	7.5%	3%	6

SMC: SPENT MUSHROOM COMPOST  
OM: ORGANIC MATTER

## APPLICATION METHOD

**In field crops:** Apply Niam Sulfur Fertilizer evenly across the field before planting, using a fertilizer spreader. Incorporate it into the root zone by plowing.

**In orchards:** Apply the fertilizer around the canopy drip line of each tree and mix it with the surface soil, or apply it as a deep placement fertilizer.

