

Biosufre

Sulfur-based defense mechanism activator



ORGANIC NITROGEN FERTILIZER

Fluid suspension of leather meal based on complexed sulfur

- BIOSUFRE is a special formulation created by complexing micronized sulfur with amino acids and selected brown seaweed extracts. This yields several benefits:

- promotion of defense mechanisms against abiotic and biotic stress, thanks to the sulfur content;
- strengthening of the plant's immune system, thanks to auxins, gibberellins, alginates, betaines, vitamins, and antioxidants naturally present in the seaweed;
- nutritional action, thanks to the organic nitrogen derived from amino acids.

The innovative "flowable" gel formulation—characterized by high stability—helps keep the sulfur in suspension, giving the product excellent wettability and adhesiveness while ensuring rapid, immediate assimilation. Consequently, BIOSUFRE allows for a reduction in the amount of elemental sulfur applied per hectare, lowering the risk of phytotoxicity. Furthermore, the gel consistency makes the product easier and more practical to use, while ensuring greater persistence and efficacy through improved coverage.

When applied via fertigation, BIOSUFRE acidifies the soil and reduces salinity; when applied as a foliar spray, it facilitates the penetration of its nutrients, thanks to the carrier properties of the amino acids. The product is particularly suitable for grapevines and fruit trees in general, as well as for cucurbits and other vegetable crops.

- Boosts defense mechanisms.
- Provides nourishment.
- Acts as a biostimulant.
- Acidifies the soil and reduces its salinity.
- Allows for a reduction in sulfur usage per hectare.

REGISTRATION

SIAN Registry No. 0014351/15

COMPOSITION (% w/w)

Organic Nitrogen (N) 3
Organic Carbon (C) 10
Total Sulfur (S) 24

PHYSICAL PROPERTIES

pH (1% solution) 7.30
Density (g/ml, 20°C) 1.30
Color Light brown

FORMULATION

Flowable

PACKAGING

1 kg bottle
6 kg container
25 kg container

PACKING

16 x 1 kg packs
4 x 6 kg packs
32 x 25 kg packs

APPLICATION

Foliar
Root/Soil



1 kg



6 kg



25 kg

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	300 – 350 g/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	8 – 10 kg/ha

Precautions: Shake well before use. Do not mix with alkaline-reacting products. Conduct a compatibility test before mixing with plant protection products or other fertilizers. Do not mix directly with amino acids derived from other protein sources, humic acids, or organic products. The product is stable under ordinary temperature and pressure conditions. Store at temperatures between 5°C and 30°C. The product is non-combustible.



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