

Nanocrop™ Azufre

Amino acids with sulphur in the form of nanoparticles



Liquid formulation with 1.4% w/w of sulphur in the form of nanoparticles dispersed in **Elicitech^{2®}** (98.6% w/w). The nanoparticle size (between 20-40 nm) allows sulphur to be more easily translocated in the plant, as well as a better coverage on the leaf surface.

Elicitech^{2®} is a formulation based on metabolic activators and amino acids of plant origin, which act by stimulating self-protection mechanisms in plants, improving their metabolic system, and also act as nanoparticle carriers.

Nanocrop™ Azufre provides the following advantages:

- ✔ It increases growth and optimal development of crops.
- ✔ It improves crop yield as well as nutritional quality.
- ✔ It favours fructification.
- ✔ Improves microbial activity of the soil, and it is therefore necessary for transforming fresh organic matter into hummus.
- ✔ It regulates nitrogen availability, phosphorus and potassium mobility, as well as improving its efficacy and assimilation.

Dosage

FOLIAR APPLICATION

Sweet fruits	
Vine	
Citrus fruits	200-300 cc/ha
Olive trees	Multiple applications
Horticultural crops	
Alfalfa and other extensive farming crops	1.5-2 l/ha Multiple applications

Guaranteed contents (% w/v)

Sulphur nanoparticles	1.57
Free amino acids of plant origin	17.66

AMINOGRAM (%): Hyp (0.01), Asp (0.24), Glu (7.84), Ala (0.18), Arg (0.28), Ile (0.10), Phe (0.11), Gly (4.27), His (0.03), Leu (0.13), Lys (2.10), Met (0.01), Pro (0.44), Ser (0.45), Tyr (0.01), Trp (0.01), Thr (0.20), Val (0.27)

Physicochemical characteristics

pH: 5.7
Density: 1.12 g/mL at 20 °C

Total water solubility