

Nanocrop™ Cobre

Amino acids with copper in the form of nanoparticles



Dosage

FOLIAR APPLICATION

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

Guaranteed contents (% w/v)

Copper oxide nanoparticles	0.22
Copper (Cu)	0.18
Free amino acids of plant origin	17.92

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: 6.02

Density: 1.12 g/ml at 20 °C

Total water solubility

Liquid formulation with 0.2% w/w of copper oxide in the form of nanoparticles dispersed in **Elicitech[®]** (99.8% w/w). The nanoparticle size (between 20-40 nm) allows the copper to be more easily translocated into the plant, and it further allows obtaining better coverage on the leaf surface, with a minimal amount of copper metal.

Elicitech[®] 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™ Cobre provides the following advantages:

- ✔ It acts as a chlorophyll stabilizer, improving photosynthesis.
- ✔ It favors the assimilation of copper and prevents soil contamination and degradation.
- ✔ It reduces the amount of copper metal required, rendering crop fertilization more effective.
- ✔ It stimulates the natural defenses of the plant, reducing the use of fungicides.
- ✔ It improves the general state of the crop by metabolic activation and/or through other routes, resulting in a better yield and higher quality.
- ✔ It activates crop cell division, causing the roots to develop and grow.
- ✔ It favors nitrogen use and protein synthesis.
- ✔ It prevents excess copper-induced phytotoxicity.

