

Shield Bio

Biopromoter of endogenous defenses based on plant extracts



EC FERTILIZER

FLUID MIXTURE OF MICRO-NUTRIENTS

SHIELD BIO is a specialty product based on plant extracts, brown algae, and minerals, designed to boost plants' natural defense mechanisms. Thanks to its unique formulation—containing oligosaccharides, amino acids, minerals, polyphenols, and vitamins—the product stimulates the production of phytoalexins; these are natural substances that make plants more resistant to attacks by pathogenic fungi and bacteria.

The formulation is rounded out by the micronutrients copper, manganese, and zinc. Chelated with EDTA, these elements are absorbed quickly and effectively, helping plants overcome potential nutritional deficiencies.

SHIELD BIO is a fertilizer suitable for organic farming, developed with a strong commitment to environmental protection and ecosystem health.

Thanks to its special formulation, SHIELD BIO strengthens plants against biotic and abiotic stresses, resulting in higher-quality and higher-quantity yields.

- Induces the natural production of phytoalexins.
- Strengthens the plant's natural resistance to abiotic and biotic stresses.
- Improves overall plant health.
- Treats and prevents micronutrient deficiencies.
- Increases crop quality and yield.
- Suitable for use in organic farming.

REGISTRATION

SIAN Registry No. 0014363/15

COMPOSITION (% w/w)

Copper (Cu) chelated with EDTA 1.2
Manganese (Mn) chelated with EDTA 0.6
Zinc (Zn) chelated with EDTA 0.6

PHYSICAL PROPERTIES

pH (1% solution) 6
Density (g/ml, 20°C) 1.2
Color Green

FORMULATION

Soluble liquid

PACKAGING

1 L bottle
5 L jug

OUTER PACKAGING

16 x 1 L packs
4 x 5 L packs

APPLICATION

Foliar
Root/Soil



1 L



5 L

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	200 – 250 ml/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	6 – 7 L/ha

Warnings: The EDTA-chelated microelements copper, manganese, and zinc are stable within a pH range of 4 to 11. Shake the product well before use. Use only where there is a recognized need. Conduct preliminary tests before mixing with other products. Adhere to the specified dosage rates. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.



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