



EKOprop® NX

Mix of microorganisms for roots applications in stressed soils

EKOprop® NX is a fertilizer based on a mix of different microorganisms, suitable to enrich those soils depleted from their natural microbiota and highly stressed by nematodes, and to stimulate physical and biochemical tolerance mechanisms in the plants.

Arbuscular mycorrhizae create a physical barrier inside roots cortex and in soil, which enables a better nutrient uptake and a higher general plants' health. **Rhizobacteria** such as *Bacillus*, *Streptomyces* and *Pseudomonas*, induce a cellular proliferation in the exoderm that reduces damages caused by nematodes' stylet, and boost plants natural defense processes such as callose and lignin deposition. The bio-stimulant action of mycorrhizae and rhizobacteria, promoting secondary roots growth and whole root system extension, reduces the damages caused by galls and by the suction stylets, making the plants tolerant to standard levels of infections.

EKOprop® NX is a fertilizer that, included in an Integrated Nematodes Management Program, along with soil fumigations, soil solarizations and chemical nematicides, can contribute to keep the infestations levels below the damage threshold, promoting crops' vigor and productivity as well for all the production cycle.



APPLICATION RATES

CROPS	RATE	APPLICATION
Vegetables (Tomato, Pepper, Eggplant, Cucumber, Melon, Strawberry, etc.)	1 kg/ha	Apply just after transplanting with fertirrigation. 4 applications every 15 days.
Ready-to-eat Salads and Vegetables	1,5 kg/ha	After crop cut, apply on soil with sprinkler or boom sprayer, then fill it up for the next seedling. After new seedling, apply again together with irrigation water. Apply again after 15 days .
Sensible crops (Carrots, etc.) or highly infested soils	2 kg/ha	1st application: during soil preparation, distributing the product and then fill it up with soil (10-15 cm). Apply again after 15 days and then, according to crop cycle, continue with 3-4 applications .
Turf, Sport fields (Golf, etc.)	2 kg/ha	1st application: with irrigation, during soil preparation or just after seedling. Apply again after 15 days at 1 kg/ha .
Tubers and Bulbs	2 kg/ha	Spread EKOprop® NX over the amount of tubers/bulbs needed for 1 hectare.



COMPOSITION

Mycorrhizae	1%
Rhizobacteria (<i>Pseudomonas spp.</i> , <i>Bacillus spp.</i> , <i>Streptomyces spp.</i>)	$2,3 \times 10^5$ CFU/g
Fungi (<i>Arthrothryx</i> , <i>Paecilomyces</i> , <i>Monacrosporium</i> , <i>Myrothecium</i>)	$1,0 \times 10^6$ CFU/g
Trichoderma (<i>Trichoderma spp.</i>)	$5,0 \times 10^5$ CFU/g



PACKAGE

Bag	12x1 kg
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