



# EKOp<sup>®</sup>prop 3S

**Mix of microorganisms for roots and foliar applications on orchards and vegetables**

**EKOp<sup>®</sup>prop 3S** is a microbial fertilizer based on *Bacillus* genus: these bacteria are efficient in mobilizing nutrients, making them available for the plants and promoting a strong bio-stimulant action. **EKOp<sup>®</sup>prop 3S** is an environmental-friendly product that, applied along with the traditional fertilizers, help to reduce their rates and thus, nitrates content in the crops.

**EKOp<sup>®</sup>prop 3S foliar applications** on orchards induce a vegetation harmonic development, with darker leaves, and a plant resistance to rots and physiological disorders; applications on vegetables stimulate the vegetation growth, bringing to an intense flowering.

**EKOp<sup>®</sup>prop 3S roots applications** help to increase nutrients assimilation and their mobilization from recalcitrant deposits in soil, thus not easily available for the plants (e.g. Phosphorus and other microelements). *Bacillus* reduce nitrates accumulation in the vegetal biomass, increasing the crops' healthiness.



## ADVANTAGES

**Improvement in fertilization efficiency.**

**Reduction in water and salt stresses damages.**

**Increase in photosynthetic efficiency.**

**Increase in plant self-defense mechanisms.**



## APPLICATION RATES

CROPS	RATE	APPLICATION
Apple, Pear	1-2 kg/ha	Start applying during flowering and then, every 12-15 days, till 3-4 weeks before harvest.
Peaches, Apricot, Plum, Cherries, Actinidia	1-2 kg/ha	Start applying during flowering and then, every 12-15 days, till 3-4 weeks before harvest.
Grape	1-2 kg/ha	4 applications in the stages of: Flowering end, Berries touching, Color change and Pre-harvest.
Vegetables	1-2 kg/ha	Start applying when the vegetation is sufficient and then, repeat every 10-15 days till harvest.
Cereals	1 kg/ha	Apply during the growth stage, along with post-emergence herbicides treatments.
Other extensive crops (Corn, Sorghum, etc.)	1 kg/ha	Apply after the 5 <sup>th</sup> leaf unfold using a boom sprayer. <b>Corn:</b> apply again together with the pesticides against European Corn Borer.



## COMPOSITION

Mycorrhizae	0,5%
Rhizobacteria ( <i>Bacillus</i> spp., <i>Streptomyces</i> spp.)	1,0 x 10 <sup>6</sup> CFU/g
Trichoderma ( <i>Trichoderma</i> spp.)	5,0 x 10 <sup>5</sup> CFU/g



## PACKAGE

Bag	12x1 kg
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