



PROMET Zn[®]

Zinc complexed with amino acids



CHARACTERISTICS

PROMET ZN is an innovative product made of zinc tied to amino acids of natural origin. PROMET ZN prevents and cures the pathologies from zinc-deficiency of particularly sensitive crops.

EFFICACY

- ✓ *Allowed in biological cropping*
- ✓ *It prevents and treats the pathologies from zinc-deficiency*
- ✓ *High absorption and biological efficacy*
- ✓ *Quick acting with no phytotoxicity*
- ✓ *Easy to use and apply*

Zinc is an essential microelement for the growth of plants. It is involved in the nitrogenous metabolism of vegetables and it is essential for the synthesis of starch, RNA and the natural hormone for growth, indolacetic acid. In modern agriculture, characterized by intensification of production, the deficiency of this microelement is not unusual. Lemon trees, vines, banana trees, leguminous plants, swiss chard, maize, tomatoes, potatoes, lettuce and spinach are some of the species susceptible to zinc-deficiency symptoms.

In sandy acid soils rich with organic substance, in calcareous soils with high levels of pH, in rich phosphorus soils, and with humid and cold weather, problems caused by an insufficient amount of this microelement can arise. In the above species the difficulty of absorption of zinc by part of the roots will cause production to be reduced remarkably.

PROMET ZN is a fertilizer for foliar treatments particularly indicated to prevent and to cure the pathologies of zinc-deficiency since it is characterized by an elevated biological efficacy. In vegetable species, it facilitates absorption and the translocation of zinc because of the permeability increased by the amino acids tied to the metal. It supplies the crops natural molecules - the amino acids – readily available for growth and revitalizing the plant.

RESULTS

With application of PROMET ZN an optimal growth of leaves and internodes can be obtained, a better growth of vegetative tissue and fruit, the reduction of green millerandage of vines, the overcoming of growth pause caused by cold weather, and intense colouration of leaves and fruit.

COMPOSITION

	% w/w	% w/v
Zinc (Zn) soluble in water	8	10,2
Organic Nitrogen (N)	3.2	4.1
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Organic carbon (C)	12.0	15.4

SPECIFICATION Density 1280 g / lt pH 3.0 ± 0.5

STATE Liquid **APPLICATION** Foliar

DOSES, WAY, TIME OF APPLICATION

Crops	Application rate	N° and time of applications
Fruit trees, citrus trees	Foliar: 100-200 g/hl (80-160 ml/hl)	2-3 from before flowering every 20 days
Vines		2-3 from before flowering every 20 days
Vegetables, leafy vegetables	1-2 kg/ha (0,8-1,6 l/ha)	1-2 from transplanting every 15 days
Maize (corn)	Soil irrigation: 2-4 kg/ha (1,6-3,2 l/ha)	Applications between 4 and 5 visible leaf
Other crops		Applications until disappearance of symptoms every 20 days

PACKAGING 1 lt bottle (Carton 1 lt x 16)

NOTES It is possible to use PROMET ZN with the usual foliar fertilizers. It can also be mixed with the most common plant protection products.

WARNING PROMET ZN must be used only if it is necessary. It is very important not exceed advised doses.
It is very important not to use PROMET ZN in solution with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and cupric compounds.
The product is stable from +5°C to +35°C. It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.