

Iko1

Iko1 is a certified product for organic farming



What is Iko1?

Iko1 is a natural, liquid plant-derived growth biostimulant that is fully assimilated by plants. It is an innovative organic product derived from strictly controlled raw materials - by-products of the food industry -, herb extracts and pruning products. It contains amino acids, peptides, B vitamins, natural growth regulators, trace elements, humic and fulvic acids.

Mode of action of Iko1

STIMULATES VARIOUS METABOLIC PROCESSES IN PLANTS

EXHIBITS RAPID ABSORPTION AND MOVEMENT IN PLANT TISSUES

FAVORS THE ACTION OF ENZYMES INVOLVED IN NITROGEN METABOLISM

ACTIVATES THE BIOCHEMICAL ACTIVITY OF PLANTS SUBJECTED TO ADVERSE ENVIRONMENTAL CONDITIONS

IMPROVES THE ABSORPTION OF THE NUTRIENTS SUPPLIED BY THE FERTILISATION PROGRAM

ACTS AS AN OSMOREGULATORY HELPING PLANTS TO ACCLIMATISE

Why choose Iko1?

Favors

the formation of robust and coherent plants

Stimulates

the metabolism of plants

Increases

the availability

Accelerates

the rate of plant growth

Increases

the tolerance of plants

Achieves

increase in yields

Promotes

the uniformity of production

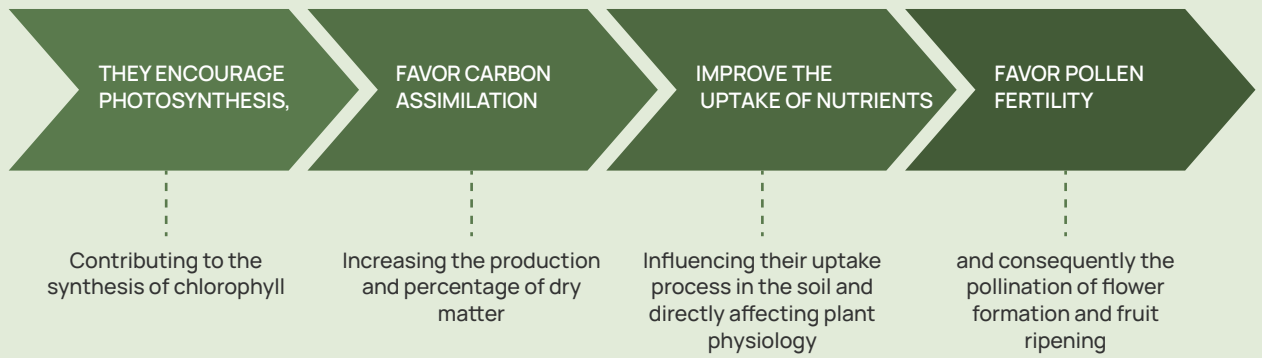
Restores

the biological activity of the soil

Reduces

the level of nitrates in leaf vegetable crops

The role of amino acids



Method of Application & Dosages

Iko1 is applied foliar by good spraying well over the entire foliar surface and through the irrigation system (fertigation). The number of applications is determined based on the requirements and nutritional status of the crop at a particular stage of growth.

In general, the following dosages are applied in the following proportions:

Foliar: Dilution solution up to 4 % (4 lt in 100 lt of water)

Fertigation: 20-30 lt/Ha

Period of application

It is recommended to apply it at the most demanding stages of plant growth and when plants are subject to stress conditions (environmental or insect and disease attacks), with the main aim of strengthening the growth rate and improving their tolerance to adverse conditions without inhibiting their growth and productivity. Iko1 focuses on plant growth so it is important that its application starts from the early stages of crop development and not at the end of the plant's biological cycle.

COMPOSITION	% w/w
Nitrogen (N)	2%
Potassium (K)	1.3%
Boron (B)	0.9%
Calcium	1%
Iron	1.3%
Amino Acids	14%
Organic Matter	35%

Aminogram: Glycine, Alanine, Lysine, Glutamic Acid, Valine, Isoleucine, Isoleucine, Histidine, Tyrosine, Threonine, Cysteine, Cysteine, Serine, Aspartic Acid, Arginine, Hydroxyproline, Proline, Tryptophan.



Giving back to Mother Nature

Ikorganic produces organic growth, nutrition and plant protection products. Our philosophy is based on the Circular Economy Model and the Zero Waste Food Strategy, as in our modern facilities we turn animal & plant by-products and herbs of the Greek land into organic fertilizers and new types of organo mineral fertilizers. Further to that, Ikorganic is also active in the field of Research for the production of biological pesticides, totally devoted to ensuring the environmental and human safety.

