

Ikorganic

Ikorganic helps in the growth of the plant

ph: 6.2-7 | EC: 30-40 mS/cm | Specific weight: 1.100 g/L | 100% water soluble | Appearance: Dark

What is Ikorganic?

Ikorganic is a natural, liquid plant-derived growth bio stimulant that is completely assimilable by plants. For its production, by-products of the agri-food industry (vegetables, cuttings, mushroom spawn) and special herbs are used as raw materials.



What does Ikorganic contain?

Glycine, Alanine, Lysine, Glutamic acid, Valine, Isoleucine, Histidine that intensify the rate of photosynthesis, facilitate the absorption and transport of trace elements within the plants.

Tyrosine, Threonine, Cysteine, Serine, Aspartic Acid which activate the defense mechanism of plants, thus increasing their tolerance and resistance to diseases.

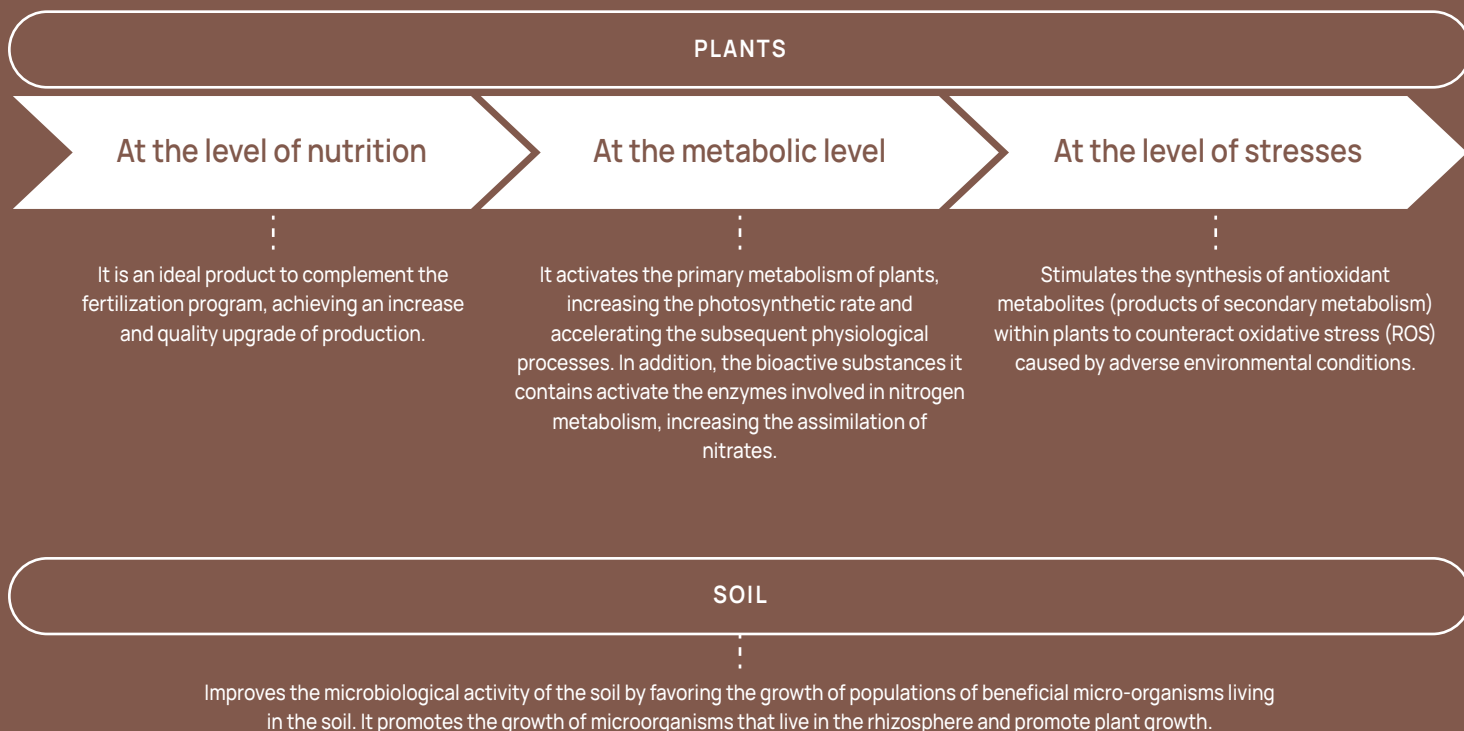
Arginine, Hydroxyproline, Proline that give plants tolerance to adverse growth conditions (high temperatures, drought, low temperatures and salinity).

Tryptophan involved in the mechanism of production of growth hormones, natural growth hormones of plants.

Why do we choose Ikorganic?

- Increases the availability of nutrients
- Accelerates the growth rate of plants
- Increases plant resistance to adverse stress conditions
- Achieves an increase in production yields
- Enhances the effects of herbicides
- Reduces the level of nitrates in leafy vegetable crops

Its action is multi-level



Method of application & Dosages

Ikorganic is applied foliar with good spraying of all leaf area and with the irrigation system (fertigation). The number of applications is determined on the basis of the requirements and the nutrient status of the crop in a particular growth stage.

In general, it is applied in the following dosages:

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

Fertigation: 20-30 lt/Ha



Composition

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

Nutrient element	% w/w
EC	30-40 mS/cm
Amino acid	3,4%
Organic Matter	29,2%
Organic Carbon	3,5%

pH: 6,2-7

Aminogram: Alanine, Arginine, Asparagine, Aspartic acid, Valine, Glutamic acid, Glycine, Threonine, Isoleucine, Leucine, Histidine, Cysteine, Methionine, Lysine, Proline, Hydroxyproline, Serine, Tryptophan, Tyrosine, Phenylalanine.
Number of colonies: $6,4 \times 10^7$ CFU/g