

How can a farmer use biostimulants , biofertilizers and Biopesticides in crops.

Procedure 1

Biostimulant used by Tilamur:

This product is a seaweed extract of the *Ascophyllum nodosum* species obtained only by low-temperature aqueous extraction. SM6 presents a cytokinetic activity equivalent to 2,000 ppm of kinetin (bioassay carried out by the University of Alicante). Cytokinins improve the mobilization of nutrients to growth points, stimulate cell division and help the plant to overcome different types of biotic and abiotic stresses. SM6 stimulates sprouting, balanced growth and initial fruit development.



Foliar Dose 1-3 L / 1000 L

Root Dose 2-4 L / ha



Bioferro stimulates sprouting, balanced growth and fruit development, prevents and corrects iron deficiencies in all types of crops, contributing to increased production when compared to a conventional chelate.

Procedure 2

Biofertilizer used by Tilamur:

This product is a concentrate of amino acids of vegetable origin indicated for organic farming. It contains amino acids obtained by hydrolysis, as well as all the active substances produced in the extraction of the soluble part of cereal seeds, without adding mineral elements, it favors the growth and size of the fruits.



Ecological fertilizer suitable for organic agriculture.

The beneficial characteristics of algal biomass as biofertilisers were already demonstrated for cyanobacteria and microalgae, due to the presence of bioactive growth-promoting compounds. Tilamur recorded the increased sugar and carotenoid concentrations in tomato fruits treated with biofertilizers.

Procedure 3

Biopesticide used by Tilamur:

Biopesticides also known as biological pesticides are products that are used in the control of pests and diseases of crops. They are formulated from microorganisms, biological control agents (and / or their extracts) and they manage to prevent, repel, eliminate or reduce the impact of pests and diseases.



This product is a contact insecticide, certified for use in organic farming (according to INTERECO) obtained from pepeter (a kind of chrysanthemum), and formulated with vegetable oils. This insecticide is widely used in organic crops, due to its low toxicity for man and mammals, as well as its reduced environmental impact, mainly due to its low persistence and that it decomposes due to the effect of sunlight. In addition, it presents a low risk of resistance from pests.

Also is characterized by its shock effect and repellent action; presenting a marked demolition in aphids and whiteflies in different crops. It is part of the crop protection family. It is an ecological fertilizer suitable for developing agriculture of this type.