

Vitamin Sea Humus

Vitamin Sea Humus is a high nutritional value soil conditioner



What is Vitamin Sea Humus;

Vitamin Sea Humus is a soil conditioner derived from natural aerobic decomposition process of organic materials mainly fish via Aerated Static Pile (ASP). It is non-phytotoxic, odorless, biologically stable and with high degree of humification and therefore rich in humic compounds.

In addition, it contains essential nutrients for plant growth (macronutrients and trace elements) and is suitable for all crops. It contains zeolite that limits nutrient losses from leaching or venting while at the same time increasing water holding capacity and uniform distribution on the ground.

Why we choose Vitamin Sea Humus;

Chemical properties

increases cations' exchange capacity favoring essential nutrients holding capacity for plant growth while at the same time stabilizes soil pH.

Natural properties

improves soil structure preventing its erosion while favors water and nutrients holding in sandy soils.

Biological properties

favors multiplication and growth of beneficial microorganisms naturally present in the soil.

Increases chemical fertilizers use effectiveness

Favors healthy plants growth as it facilitates nutrients uptake such as iron and phosphorus

Protects plants from oxidative stress caused by adverse growing conditions by increasing activity of antioxidant enzymes within plants and by extension their tolerance

Promotes the production of secondary metabolites within plants (phenolic compounds) by strengthening their defense mechanism against various pathogens

Vitamin Sea Humus production is governed by the principle of cyclicity and it constitutes an alternative approach to organic materials & by- products recycling of the agri-food sector with obvious environmental benefits.

Dosage & Application method

Vitamin Sea Humus is applied at the planting site, before transplanting or linearly (along the planting line). In eroded soils with a low percentage of organic matter, universal application is recommended on entire surface.

Generally, apply to following dosages:

At the planting site: 150-200 ml/plant or 2-4 liters/tree

Along the planting line: 300-600 liters/acre

Universal application: 2.5m³ and above depending on soil needs and particularities

Application period

Vitamin Sea Humus is applied mainly before plants or seedlings installation. In developed trees it is recommended to apply at the projection area of tree canopy with light integration followed by satisfactory watering.

COMPOSITION	IN A DRY SAMPLE(%w/w)	IN A SAMPLE AS IT IS (%w/w)
N	2.9%	2.1%
P	2.7%	1.9%
K	2.1%	1.44%
Ca	1.2%	0.9%
Fe	1.12%	0.8%
MgO	1.4%	1.0%
Mn	0.053%	0.038%
Zn	0.017%	0.012%
SO ₄	0.31%	0.22%
Organic Substance	48.2%	40.1%

The product also contains Humic Acids and Number of colonies 5E+06 c.f.u./ml

The Greek Sea on the roots of your plants



 ikorganic

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.