

VITAMIN SEA TITAN

8-22-7+11CaO+TE

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What is Vitamin Sea Titan 8-22-7?

Vitamin Sea Titan 8-22-7+11CaO+TE+48% Organic matter is an innovative circular economy product, derived from fish residues. It is an excellent source of organic phosphorus, nitrogen, calcium and potash, while providing the essential trace elements (iron, boron, manganese, molybdenum, zinc) for plant growth.

It contains a high percentage of organic matter and organic carbon that improve the soil structure and favor the growth of beneficial microorganisms, keeping the soil alive. Its specific composition combined with its solid form (pellet) favors the gradual release of nutrients and their easy assimilation by the roots of plants, while preventing their loss through leaching, making fertilization more effective.

48% Organic Matter (on dry)

Vitamin Sea Titan 8-22-7 is essential for all crops

Provides all the necessary supplies for a healthy, rich and well-developed root system.

Enhances flowering and fruiting ensuring growth and quality improvement of the production.

Speeds up growth and achieves early production due to its effect on the energy balance of the cells.

Stimulates microbial activity within the soil replacing the beneficial microorganisms destroyed by the continuous use of plant protection products (insecticides, herbicides, fungicides).

Improves plant resistance to environmental stresses (low temperatures, drought) and diseases.

The solid form of the fertilizer in pellet form favours soil aeration, **makes it easier to apply it uniformly in the field** in the absence of dust, **favours the gradual release of nutrients** and **allows fertilisation with greater precision**.

Why choose Vitamin Sea Titan 8-22-7?

Aims to meet

the nutrient requirements of plants for phosphorus.

Increases

the available forms of phosphorus in the soil solution.

Makes

phosphorus assimilable by plants.

Method of application and Dosages

Dispersion with the fertiliser distributor for professional use (use of gloves is recommended). Activation of the fertiliser requires watering or is achieved with rainwater. As a basic fertiliser it is incorporated into the soil to a depth of 10-20 cm depending on the soil type. Universal application or application in rows or plant positions is recommended to save fertiliser.

Tree: 1200-1500 kg/Ha

Potato: 1200-1800 kg/Ha

Vine: 600-1000 kg/Ha

Tomato: 1000-1500 kg/Ha

Kiwi: 1000-1600 kg/Ha

Horticultural: 1000-2000 kg/Ha

Watermelon: 1000-1500 kg/Ha

Vegetables: 1000-1500 kg/Ha

Period of Application

Vitamin Sea Titan 8-22-7 is applied whenever required.

COMPOSITION	% w/w
Total Nitrogen (N)	8,00
Nitric Nitrogen (N-NO ₃)	0,70
Ammoniacal Nitrogen (N-NH ₄)	2,60
Organic and Ureic Nitrogen (N-NH ₂)	4,70
Phosphorus (P ₂ O ₅) Soluble in mineral acids	22,0
Total Potassium (K ₂ O)	7,40
Calcium (CaO)	10,70
Boron (B)	0,07
Iron (Fe)	0,58
Manganese (Mn)	0,102
Molybdenum (Mo)	0,80 mg Mo/ Kg
Zinc (Zn)	478 mg Zn/ Kg
Organic Carbon (C)	25,70
Organic Matter	47,60
C/N	3,20

pH: 6

*on dry matter



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.