

# EUFORIA

## 10-9-18+TE

Fertilizer Group (f) MD 257921/2004 | Marketing Authorization No. 224

### What is Euforia 10-9-18?

EUFORIA 10-9-18 + TE + 67% Organic matter (on dry matter) is an innovative nutritional product derived from coffee residue biomass in the form of small homogeneous cylindrical pellets. Due to its composition it is rich in organic matter, potassium, nitrogen and provides plants with phosphorus, magnesium and trace elements such as iron, zinc and manganese.



It contains four forms of nitrogen which, combined with its solid form (pellet), reduces leaching losses and increases fertilization efficiency ensuring continuous and lasting nutrition to plants while minimizing the risk of nitrate pollution. Its high organic matter and nutrient content make it suitable for use as a base fertilizer for crops without excluding its application on the surface with subsequent light incorporation and irrigation

## 67% Organic Matter (on dry)

### Euforia 10-9-18 is essential for all crops

It **improves the efficiency of nitrogen** use as well as the regulation of water management by the plant.

**Increases resistance to adverse abiotic factors** (drought, cold, soil salinity) by regulating the water balance within the plant and promoting root growth.

It **improves plant growth and increases yields** by activating enzymes involved in the formation of sugars, starch and proteins.

**Improves soil structure, water retention capacity and reduces erosion.**

**Facilitates the transfer of nutrients** and metabolic products from the leaves to the fruit increasing the sugar and starch content of the fruit in order to improve its quality.

The high organic matter content **ensures the preservation and availability of nutrients** to meet the needs of the plants.

It **stimulates biological activity** as it is a source of energy and nutrition for beneficial soil micro-organisms.

The solid form of the fertilizer in pellet form favors soil aeration, **makes it easier to apply it uniformly in the field** in the absence of dust, **favors the gradual release of nutrients** while allowing fertilization with more precision.

### Why choose Euforia 10-9-18?

Directly satisfies the plants' needs in potassium at the critical growth stages

Prevents the adverse effects of a possible deficiency

Achieves quantitative and qualitative upgrading of production

Ensures a gradual and lasting absorption of potassium from the crops

# Method of Application & Dosage

Dispersion with the fertilizer distributor for professional use (gloves are recommended). Activation of the fertilizer requires watering or is achieved with rainwater. As a basic fertilization 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 fertilizer.

**Tree crops:** 1,2-1,5 t/ha

**Potato:** 1,2-1,8 t/ha

**Vine:** 0,6-1 t/ha

**Tomato:** 1-1,5 t/ha

**Kiwi:** 1-1,6 t/ha

**Greenhouse crops:** 1-2 t/ha

**Watermelon:** 1-1,5 t/ha

**Vegetables:** 1-1,5 t/ha

## Period of Application

Euphoria 10-9-18 is applied whenever required.

COMPOSITION	% w / w
Total Nitrogen (N)	9,90
Nitric Nitrogen (N-NO <sub>3</sub> )	5,30
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	1,60
Ureic Nitrogen (N-NH <sub>2</sub> )	2,00
Organic Nitrogen	1,00
Phosphorus (P <sub>2</sub> O <sub>5</sub> ) Soluble in inorganic acids	8,70
Total Potassium (K <sub>2</sub> O)	18,40
Magnesium (MgO)	0,90
Iron (Fe)	299 mg/kg
Manganese (Mn)	16,7 mg/kg
Zinc (Zn)	3222 mg/kg
Organic Carbon (C)	16,20
Organic matter	67,10
C/N	1,60

pH: 4,8

\*dry matter



 **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.