

# Euforia

## 12-12-18

+1,2 MgO + TE + 34,3% Organic Matter

Fertilizer Group (f) Min. Dec. 257921/2004  
Marketing Authorization No. 224

### What is Euforia 12-12-18?

Euforia 12-12-18+1.2MgO+TE+34.3% organic matter is a complete fertilizer in the form of small homogeneous cylindrical pieces (pellets), which in addition to the macroelements nitrogen, phosphorus and potassium, contains also magnesium, trace elements (iron, manganese, zinc) and organic matter (34,3 %), satisfying the needs of all crops (horticulture leaf vegetables trees, vine, ornamental plants, lawn), especially the most potassium-demanding ones, in all soils. It comes from the utilization of by-products of coffee consumption, fruit and pruning. It contains three forms of nitrogen (ammoniacal nitrogen, ureic nitrogen and organic nitrogen, ensuring a constant and stable supply to plants. The synergistic action of ammoniacal nitrogen and phosphorus and the organic matter increase the availability of phosphorus to plants. The potassium is in a chlorine-free sulphate form, making it suitable for use in crops that are sensitive to chlorine (lettuce, beans, stone fruits, ornamentals). Its special composition strengthens plants both in the vegetative and reproductive stage.



### Why we choose Euforia 12-12-18?

Immediately satisfies the potassium requirements of plants at critical stages of growth

It counteracts the adverse effects of a possible deficiency

Achieves a qualitative and quantitative improvement in production

Achieves gradual and sustained uptake of nutrients by crops

## Method of application & Dosages

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

**Tree crops:** 1200-1500 kg/Ha  
**Vine:** 600-1000 kg/Ha  
**Kiwi:** 1000-1600 kg/Ha  
**Watermelon:** 1000-1500 kg/Ha  
**Potato:** 1200-1800 kg/Ha  
**Tomato:** 1000-1500 kg/Ha  
**Greenhouse crops:** 1000-2000 kg/Ha  
**Vegetables:** 1000-1500 kg/Ha



## Euforia 12-12-18 +1.2 MgO is necessary for all crops

- Improves the uptake and assimilation of nutrients by plants, ensuring satisfactory nutrition for the crop and increased fertilization efficiency.
- Increases the rate of photosynthesis.
- Improves soil structure and water capacity.
- Ensures the successful establishment of young seedlings, robust and vigorous germination, and at later stages of development promotes flowering, increases fruit set and improves the quantitative and qualitative parameters of production.
- Promotes the growth of beneficial soil microorganisms.
- 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 and allows fertilization to be carried out more accurately.

## Composition

| Nutrient element                                                     | % w/w |
|----------------------------------------------------------------------|-------|
| Total Nitrogen (N)                                                   | 12,8  |
| Ammoniacal Nitrogen (N-NH <sub>4</sub> )                             | 2,4   |
| Ureic Nitrogen (N-NH <sub>2</sub> )                                  | 8,5   |
| Organic Nitrogen                                                     | 1,9   |
| Phosphorus (P <sub>2</sub> O <sub>5</sub> ) Soluble in mineral acids | 12,5  |
| Total Potassium (K <sub>2</sub> O)                                   | 18,9  |
| Magnesium (MgO)                                                      | 1,2   |
| Iron (Fe)                                                            | 0,49  |
| Manganese (Mn)                                                       | 0,18  |
| Zinc (Zn)                                                            | 0,17  |
| Organic Matter                                                       | 34,3  |
| C/N                                                                  | 1,3   |

pH: 5,7

Constant composition product