



Harmony

5-5-5

+ 69% Organic Matter



PRODUCED AND DISTRIBUTED IN GREECE BY IKORGANIC ACCORDING TO:
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What is Harmony Bio 5-5-5?

Harmony Bio 5-5-5 + 69% organic matter is an organic-biological fertilizer in the form of homogeneous cylindrical pellets of plant and animal origin suitable for organic farming. It is derived from the utilization of plant by-products, coffee residues and meat by-products. It is an innovative product for the application of the principle of cyclicity and zero waste in the agri-food sector. It provides plants with nitrogen-phosphorus-potassium in the same ratio and combines the advantages of high organic matter and trace elements in its composition, maintaining soil fertility and promoting crop growth. Its use is recommended in soils with low nutrient availability and in crops with a limited ability to assimilate nutrients (e.g. plants with a weak root system).



In addition to its application as a basal fertilizer, it can also be used as a top dressing with subsequent light incorporation and watering at critical stages of the crop. It is suitable for supplementing an integrated plant nutrition management programme.

Method of application & Dosages

Dispersion with the fertilizer spreader for professional use or by hand for amateur use (gloves are recommended).

Activation of the fertilizer requires watering or is achieved by rainwater. As a basic fertilizer 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.

In general, it is applied in the following dosages:

Open-field vegetables of short biological cycle (lettuce, spinach, leaf vegetables): 1000-2000 kg/Ha

Open-field vegetables with a longer biological cycle (tomatoes, leeks, cabbage): 1000-2000 kg/Ha

Trees: 1.5-3 kg/tree

Vines: 300-500 g/vine

Watermelon: 1000-1500 kg/Ha

Greenhouse crops: 1000-2000 kg/Ha

Harmony Bio 5-5-5 is essential for crops:

- Favors the slow release of nutrients and the smooth and continuous nourishment of plants, preventing losses due to leaching.
- Reduces the risk of burning of roots or leaves.
- Improves the physico-chemical properties of the soil.
- Strengthens the activity of beneficial microorganisms in the rhizosphere.
- Favors aeration and water capacity of the soil resulting in better root development.
- Improves the availability of nutrients and their replenishment in soils depleted by intensive cultivation.
- Provides balanced nutrition in the form of homogeneous cylindrical pellets in the absence of dust, achieving increased yield and quality production.

Composition

pH: 5,6

Nutrient element	% w/w
Total Nitrogen (N)	5,00
Organic Nitrogen	5,00
Phosphorus (P_2O_5) (Soluble in mineral acids)	5,00
Potassium (K_2O) Water soluble	5,00
Organic Matter	69,00
Organic Carbon (Corg)	38,64
C/N	7,7
pH	5,6
EC	234 $\mu S/cm$

Constant composition product