

# NPK 14-10-12



## MINERAL COMPOUND FERTILIZERS FOR SPECIFIC CROPS OBTAINED BY PHYSICAL COMPACTION

The products of the K-SPECIAL LINE are complex mineral fertilizers that have been developed to provide a solution to the nutritional requirements of specialised crops: orchards, olive groves, vineyards, citrus groves, horticultural crops, hazelnut groves. These products have been created to provide the right amount of crop specific nutritional elements and a good availability of sulfur, calcium and microelements that should satisfy the basic nutritional requirements even of the most demanding crops.

The effectiveness of these products is improved by the granular formulation obtained through compaction, a dry granulation process borrowed from the pharmaceutical industry that uses mechanical compression to agglomerate the particles of the raw materials. This allows for granules to be obtained without adding solvents, which can have a negative impact on the final solubility of the product. The compacted granules rapidly dissolve in the ground allowing a fast nutrients' root uptake, making these fertilizers very efficacious. Low Chlorine Content (LCC/BTC) formulations are also available that couple all the advantages of the NPKs with the quality of Low-Chlorine Potassium (< 2%), which is the best quality of potassium.

NPK 14-10-12 is the fertilizer of the K-SPECIAL VIGNETO-FRUTTETO LINE with a balanced combination of nutritional elements that supports the crop throughout the cycle, ensuring high yield and high-quality productions.

| CROP           | TIME OF APPLICATION                                                                | DOSE/HECTARE* |
|----------------|------------------------------------------------------------------------------------|---------------|
| Citrus e Olive | Pre-transplanting/sowing fertilization,<br>Post-transplanting/sowing fertilization | 400-800 kg    |

| COMPOSITION                                                                  |       |
|------------------------------------------------------------------------------|-------|
| Total nitrogen (N)                                                           | 14.00 |
| Ammoniacal nitrogen (N)                                                      | %     |
| Ureic nitrogen (N)                                                           | 7.00% |
| Phosphoric anhydride (P2O5) total                                            | 7.00% |
| Phosphoric anhydride (P2O5) soluble in water                                 | 10.00 |
| Phosphoric anhydride (P2O5) soluble in neutral ammonium citrate and in water | %     |
| Potassium oxide (K2O) total                                                  | 3.50% |
| Potassium oxide (K2O) soluble in water                                       | 12.00 |
| Magnesium oxide (MgO) total                                                  | %     |
| Sulfuric anhydride (SO3) soluble in water                                    | 12.00 |
| Boron (B) total                                                              | 2.00% |

12.00  
%  
0.10%

| PHYSICO-CHEMICAL |                     |                          |
|------------------|---------------------|--------------------------|
| GRANULAR         |                     |                          |
| METHOD OF USE    |                     |                          |
|                  | Cover fertilization | Pre-sowing fertilization |

**PACKAGING: 25 KG - PALLET 1500 KG, BIG BAG 600 KG**



**ΑΓΡΟΧΗΜΙΚΑ ΒΟΡΕΙΟΥ ΕΛΛΑΔΟΣ Α.Ε.**

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\*The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.\*}