

# NG000 NPK 22-5-8

## 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.

N-G000 NPK 22-5-8 is the fertilizer of the K-SPECIAL- NOCCIOLETO PLUS LINE with a high nitrogen content, balanced by phosphorus and potassium. Thanks to the presence of the nitrification inhibitor DCD, the nitrogen present is gradually transformed from ammonia to nitric form, ensuring balanced and constant nitrogen nutrition for up to 3 months. To be used at the vegetative restart, at pre-flowering and whenever the crop shows growth interruptions.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Nut fruits, Hazelnut e Walnut	Pre-transplanting/sowing fertilization, Post-transplanting/sowing fertilization	400-600 kg

COMPOSITION	
Total nitrogen (N)	22.00%
Ammoniacal nitrogen (N)	8.00%
Ureic nitrogen (N)	14.00%
Nitrogen inhibitor Dicyandiamide (DCD)	2.50%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) total	5.00%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in mineral acids	5.00%
Potassium oxide (K <sub>2</sub> O) total	8.00%
Potassium oxide (K <sub>2</sub> O) soluble in water	8.00%
Calcium oxide (CaO) total	2.00%
Calcium oxide (CaO) soluble in water	2.00%
Magnesium oxide (MgO) total	2.00%
Sulfuric anhydride (SO <sub>3</sub> ) soluble in water	10.00%

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

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