

# NPK 12-6-18

## 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.

NPK 12-6-18 is the fertilizer of the K-SPECIAL VIGNETO-FRUTTETO LINE recommended from the early cultivation stages until ripening. The high potassium content is balanced by the presence of nitrogen and phosphorus, ensuring a balanced plant vegetative development. It is ideal for all types of crops.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Fruit crops e Grapes	Pre-transplanting/sowing fertilization, Post-transplanting/sowing fertilization	400-900 kg

COMPOSITION	
Total nitrogen (N)	12.00%
Ammoniacal nitrogen (N)	12.00%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) total	6.00%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in water	4.00%
Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and in water	6.00%
Potassium oxide (K <sub>2</sub> O) total	18.00%
Potassium oxide (K <sub>2</sub> O) soluble in water	18.00%
Magnesium oxide (MgO) total	2.00%
Sulfuric anhydride (SO <sub>3</sub> ) soluble in water	24.00%
Boron (B) total	0.10%

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

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