

MINERAL NITROGEN FERTILIZERS OBTAINED BY PHYSICAL COMPACTION

The K-FERT AZOTATI LINE is made of a wide range of products characterized by the two stable forms of nitrogen (ammonia and ureic) and by high availability of sulfur (as sulfuric anhydride, SO₃). The products of this line are a valid alternative to the traditional ammonium nitrates without sulfur and with washable nitric nitrogen which, in case of rainfall, are subject to considerable losses due to leaching.

ENERGIKO is a granular fertilizer of the K-FERT AZOTATI LINE characterized by the presence of nitrogen in both ammonia and ureic form. This formula guarantees both a gradual and continuous nutritional action over time, thanks to the ammonia nitrogen fraction, and a nutritional support in conditions of not excessive rainfall/irrigation, thanks to the high solubility of the ureic fraction able to reach the root system allowing its development even in the absence of rain/irrigation. The high sulfur content allows a corrective action in soils characterized by high salinity and/or alkalinity and exerts a containment action against parasitic adversities attributable to fungi present in the soil.

The efficacy of the product 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 granule is characterized by easy and fast disintegration, ensuring a rapid assimilation of nutrients by the roots.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Cereal crops	Pre-transplanting/sowing fertilization, Post-transplanting/sowing fertilization	300-700 kg

COMPOSITION	
Total nitrogen (N)	33.50%
Ammoniacal nitrogen (N)	10.50%
Ureic nitrogen (N)	23.00%
Sulfuric anhydride (SO ₃) soluble in water	28.00%

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

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