NP 5-25 + 2% MgO + 5% SO_3

COMPOUND FERTILIZERS (BINARY, TERNARY AND TERNARY B.T.C.) OBTAINED BY PHYSICAL COMPACTION

The K-FERT COMPLESSI LINE includes a wide range of granular mineral fertilizers characterized by the presence of two (BINARY COMPLEXES) or three (TERNARY COMPLEXES) macroelements (nitrogen, phosphorus, potassium), most of which enriched with sulfur (as sulfuric anhydride, SO_3), considered the fourth most important nutritive element due to its role in plant nutrition.
The granular formulation of these products is 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.
NP 5-25 + 2% MgO + 5% SO_3 is a BINARY NP COMPLEX of the K-FERT COMPLESSI LINE, enriched with sulfur and magnesium. The BINARY NP COMPLEXES are fertilizers with a "starter" effect, to be applied at sowing / transplanting to promote root development, plant vigor and the anticipation of phenological phases, thanks to their stimulating action on the germination process.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Beets e Soybeans e Cereal crops	Pre-transplanting/sowing fertilization, Post-transplanting/sowing fertilization	300-600 kg

COMPOSITION	
Total nitrogen (N)	5.00%
Ammoniacal nitrogen (N)	3.00%
Ureic nitrogen (N)	2.00%
Phosphoric anhydride (P_2O_5) total	25.00%
Phosphoric anhydride (P_2O_5) soluble in water	3.50%
Phosphoric anhydride (P_2O_5) soluble in neutral ammonium citrate and in water	5.00%
Phosphoric anhydride (P_2O_5) soluble in mineral acids	20.00%
Magnesium oxide (MgO) total	2.00%
Sulfuric anhydride (SO_3) soluble in water	5.00%

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

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

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.