

NPK 20-10-10 + 16% SO₃



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, SO₃), 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.

NPK 20-10-10 + 16% SO₃ is a TERNARY NPK COMPLEX of the K-FERT COMPLESSI LINE, enriched with sulfur and characterized by a macroelements (NPK) ratio shifted towards nitrogen. This makes it suitable for applications on horticultural, cereal and industrial crops in the early vegetative phases and on fruit crops at vegetative restart.

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

| COMPOSITION | |
|--|--------|
| Total nitrogen (N) | 20.00% |
| Ammoniacal nitrogen (N) | 8.00% |
| Ureic nitrogen (N) | 12.00% |
| Phosphoric anhydride (P ₂ O ₅) total | 10.00% |
| Phosphoric anhydride (P ₂ O ₅) soluble in water | 3.00% |
| Phosphoric anhydride (P ₂ O ₅) soluble in neutral ammonium citrate and in water | 3.00% |
| Phosphoric anhydride (P ₂ O ₅) soluble in mineral acids | 10.00% |
| Potassium oxide (K ₂ O) total | 10.00% |
| Potassium oxide (K ₂ O) soluble in water | 10.00% |
| Sulfuric anhydride (SO ₃) soluble in water | 15.00% |

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

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