

# NPK 15-15-15 + 5% SO<sub>3</sub>



## 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<sub>3</sub>), 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 15-15-15 + 5% SO<sub>3</sub> is a TERNARY NPK COMPLEX of the K-FERT COMPLESSI LINE, enriched with sulfur and characterized by a balanced ratio of macroelements (NPK), which favors the optimal vegetative-productive development of the plants. This makes it suitable for applications on all crops and throughout the production cycle.

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

| COMPOSITION                                                                                            |        |
|--------------------------------------------------------------------------------------------------------|--------|
| Total nitrogen (N)                                                                                     | 15.00% |
| Ammoniacal nitrogen (N)                                                                                | 3.50%  |
| Ureic nitrogen (N)                                                                                     | 11.50% |
| Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) total                                            | 15.00% |
| Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in water                                 | 3.00%  |
| Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in neutral ammonium citrate and in water | 5.00%  |
| Phosphoric anhydride (P <sub>2</sub> O <sub>5</sub> ) soluble in mineral acids                         | 10.00% |
| Potassium oxide (K <sub>2</sub> O) total                                                               | 15.00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water                                                    | 15.00% |
| Sulfuric anhydride (SO <sub>3</sub> ) 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.\*