



**PRODUCT INFO
& DATASHEET**

SICO-ECOTEC NPK 21.5.10+3MgO+6S+TE (L.C.)
**NPK Fertiliser stabilised with nitrification inhibitor (DMPP) and
micronutrients, SOP based**
*Engrais NPK stabilise avec inhibiteur de nitrification (DMPP) et
oligoéléments, basé SOP*

1. STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD

| * Chemical Analysis / Analyse Chimique | Calculated % | Specification |
|---|--------------|--|
| Total Nitrogen / <i>Azote total (N)</i> | 21 | 10% Nitric Nitrogen / <i>Azote Nitrique (N-NO₃)</i> 11% Ammoniacal Nitrogen / <i>Azote Ammoniacal (N-NH₄)</i> |
| Phosphorus Pentoxide / <i>Anhydride phosphorique (P₂O₅)</i> | 5 | Soluble in neutral ammonium citrate and in water / <i>soluble dans l'eau et le citrate d'ammonium neutre</i> 4 % soluble in water / <i>soluble dans l'eau</i> |
| Potassium Oxide / <i>Oxyde de potassium (K₂O)</i> | 10 | Soluble in water / <i>soluble dans l'eau</i> |
| Magnesium Oxide / <i>Oxyde de magnésium (MgO)</i> | 3 | 2.4% soluble in water / <i>soluble dans l'eau</i> |
| Sulphur Trioxide / <i>Anhydride Sulfurique (SO₃)</i> | 15 | 12% soluble in water / <i>soluble dans l'eau</i> |
| Sulphur / <i>Soufre (S)</i> | 6 | 4.8% soluble in water / <i>soluble dans l'eau</i> |
| Boron / <i>Bore (B)</i> total | 0.02 | |
| Iron / <i>Fer (Fe)</i> total | 0.30 | 3.4-dimethylpyrazolfosfaat (DMPP) / 0.088% |
| Zinc / <i>Zinc (Zn)</i> total | 0.02 | 3.4-dimethylpyrazolphosphate (DMPP) |

*** Other nutrients**

The raw materials used in the production process also contain low amounts of calcium (Ca), sodium (Na) or trace elements not mentioned above. The concentration of these elements is below EC declaration levels and can not be guaranteed.

Low chlorine / *pauvre en chlor*

*** Physical Properties / Caractéristiques Physiques**

| | |
|---------------------|--|
| Colour | purple |
| Bulk density | 1150 ± 100 kg/m ³ |
| Granule size | 90% = 2-4 mm |
| pH (1:10 in water) | 4.5-5.5 |
| Physical appearance | granular solid fertiliser, surface-treated for improved transport and storage properties |

2. PRODUCT DESCRIPTION

Complex fertiliser with nitrification inhibitor DMPP (3,4 dimethylpyrazolphosphate). Reduces N-leaching and increases N-efficiency. During the active phase of DMPP (4 to 10 weeks, depending on soil temperature and soil humidity) the transformation of ammonium to nitrate is delayed. As a result N-availability is further adapted to the plants' requirements and N-efficiency is increased. Fertiliser based on SOP, for usage in chloride sensitive crops and on salt-affected soils.

3. RECOMMENDATIONS FOR APPLICATION

Thanks to its even granulation the fertiliser can be applied easily with spreaders or by hand. Nutrient distribution is even as every granule contains all nutrients and micronutrients. Application is possible during the whole vegetation period. Watering-in promotes the immediate effect.

4. STORAGE

In unopened original bags the fertiliser can be stored for longer periods of time. Opened bags should be resealed tightly after removal of fertiliser and be stored in a dry place.

5. PACKING / EMBALLAGE

In 25 kg SICO partially transparent pe bags on shrinkwrapped pallets, 24 MT/20' fcl / en sacs pe partiellement transparents SICO de 25 kg sur palettes (24 TM/20' fcl)

Notice to buyer

Careful tests have proven that the product is suitable for the recommended purposes when used in accordance with our instructions.

However, since storage and use are beyond our control and we are unable to foresee all circumstances arising therefrom, we are only liable for a consistent quality of the product, but the risk of its storage and use is not borne by us.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

SAP INTERNATIONAL CORPORATION by Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be