



**PRODUCT INFO  
& DATASHEET**

## SICO-ECOTEC NPK 20.10.10 + 3 S

NPK Fertiliser stabilised with nitrification inhibitor (DMPP), MOP based  
*Engrais NPK stabilise avec inhibiteur de nitrification (DMPP), basé MOP*  
 E.C. Fertiliser

### **1. STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD**

<b>* Chemical Analysis / Analyse Chimique</b>	Calculated %	Specification
Total Nitrogen / Azote total (N)	20	8.6% Nitric Nitrogen / Azote Nitrique (N-NO <sub>3</sub> ) 11.4% Ammoniacal Nitrogen / Azote Ammoniacal (N-NH <sub>4</sub> )
Phosphorus Pentoxide / Anhydride phosphorique (P <sub>2</sub> O <sub>5</sub> )	10	Soluble in neutral ammonium citrate and in water / soluble dans l'eau et le citrate d'ammonium neutre
Potassium Oxide / Oxyde de potassium (K <sub>2</sub> O)	10	7.5 % soluble in water / soluble dans l'eau
Sulphur Trioxide / Anhydride Sulfurique (SO <sub>3</sub> )	7.5	Soluble in water / soluble dans l'eau (MOP based)
Sulphur / Soufre (S)	3	6% soluble in water / soluble dans l'eau
		2.4% soluble in water / soluble dans l'eau

### **\* Physical Properties / Caractéristiques Physiques**

Colour	green
Bulk density	approx. 1.13 t/m <sup>3</sup>
Granule size	min. 90% = 2-5 mm
H <sub>2</sub> O content	max. 1.5%

### **2. PRODUCT DESCRIPTION**

Complex fertiliser with nitrification inhibitor DMPP (3,4 dimethylpyrazolophosphate). 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 MOP

### **3. RECOMMENDATIONS FOR APPLICATION**

1-3 times within the growing season. Application rates must meet the crop requirements. The nutrient content of the soil and previous cultivations must also be considered to avoid over-application. The recommendations of the official advisory service and local agronomists should be followed. Fertilisers with a nitrification inhibitor reduce the risk of nitrate leaching, allow earlier fertilisation and reduce the amount of nitrogen. The effect of the nitrification inhibitor depends on the climate, weather and may last for 4-10 weeks.

### **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.