



**PRODUCT INFO  
& DATASHEET**

## SICO-ECOTEC NPK 17.17.17 + DMPP

NPK Fertiliser stabilised with nitrification inhibitor (DMPP),  
SOP based, blue colored.

- Made in China -

09/2020

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

<b>* Chemical Analysis / Analyse Chimique</b>		<b>Calculated %</b>	<b>Specification</b>
Total nutrients (N + P + K)		min. 51	
Total Nitrogen / Azote total ( <b>N</b> )		min. 15.5	min. 10% Nitric Nitrogen / Azote Nitrique (N-NO <sub>3</sub> ) min. 5.5% Ammoniacal Nitrogen/Azote Ammoniacal (N-NH <sub>4</sub> )
Phosphorus Pentoxide / Anhydride phosphorique ( <b>P2O5</b> )		min. 15.5	Soluble in neutral ammonium citrate and in water / soluble dans l'eau et le citrate d'ammonium neutre
Potassium Oxide / Oxyde de potassium ( <b>K2O</b> )		min. 15.5	Soluble in water / soluble dans l'eau (SOP based)
Boron / Bore	( <b>B</b> ) total	min. 0.02	
Iron / Fer	( <b>Fe</b> ) total	min. 0.2	
Zinc / Zinc	( <b>Zn</b> ) total	min. 0.1	
Molybdenum / Molybdène	( <b>Mo</b> ) total	min. 0.02	
Chlor	( <b>Cl</b> )	max. 3.0	
<b>* Physical Properties / Caractéristiques Physiques</b>		<b>* Heavy Metals</b>	
Moisture	2.0 % max	As	max. 0.005 %
Colour	blue	Cd	max. 0.001 %
Particle size	min. 90% = 1-4.75 mm	Pb	max. 0.02 %
		Cr	max. 0.05 %
		Hg	max. 0.0005 %

The specification meets the national standard of compound fertilizer in China (GB15063-2009).

### **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 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 pp+pe bags, 25 MT/20' fcl if loose bags or 24 MT/20' fcl if bags on pallets or big bags.

#### **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.