



**PRODUCT INFO
& DATASHEET**

SICO-ECOTEC NPK 12.12.17+ 2MgO +2% Ca +8% S + TE + DMPP

NPK Fertiliser stabilised with nitrification inhibitor (DMPP) and
micronutrients, Nitrate based, blue colored.
- Made in China -

09/2020

1. STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD

* Chemical Analysis / Analyse Chimique	Calculated %	Specification	
Total nutrients (N + P + K)	min. 41		
Total Nitrogen / Azote total (N)	min. 12	min. 3% Nitric Nitrogen / Azote Nitrique (N-NO ₃) min. 9% Ammoniacal Nitrogen/Azote Ammoniacal (N-NH ₄)	
Phosphorus Pentoxide / Anhydride phosphorique (P ₂ O ₅)	min. 12	Soluble in neutral ammonium citrate and in water / soluble dans l'eau et le citrate d'ammonium neutre	
Potassium Oxide / Oxyde de potassium (K ₂ O)	min. 17	Soluble in water / soluble dans l'eau (SOP based)	
Magnesium Oxide / Oxyde de magnésium (MgO)	min. 2	soluble in water / soluble dans l'eau	
Sulphur / Soufre (S)	min. 8	soluble in water / soluble dans l'eau	
Calcium (Ca)	min. 2		
Boron / Bore (B) total	min. 0.02		
Iron / Fer (Fe) total	min. 0.2		
Zinc / Zinc (Zn) total	min. 0.1		
Molybdenum / Molybdène (Mo) total	min. 0.02		
Chlor (Cl)	max. 1.0		
* Physical Properties / Caractéristiques Physiques		* Heavy Metals	
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 nitrate, 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.

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.

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