



**PRODUCT INFO  
& DATASHEET**

# SICORGAN

## *Organo-mineral NPK 2.3.6 + 1 MgO (59 OM) in 4-5 mm pellets*

### **1/ PRODUCT DESCRIPTION**

SICORGAN organo-mineral NPK 2.3.6 + 1 MgO is a fertiliser with a high potassium (K) content and will stimulate the general development of all crops and plants. Nutrients are released at a slower, more consistent rate, helping to avoid a boom-and-bust pattern. It also helps to retain soil moisture, reducing the stress due to temporary moisture stress. Organic fertilisers also have the advantage to avoiding certain long-term problems associated with the regular heavy use of chemical fertilisers. These problems include: the possibility of "burning" plants with the concentrated chemicals (i.e. an overprovision of some nutrients); the progressive decrease of real or perceived "soil health", apparent in loss of structure, reduced ability to absorb precipitation, lightening of soil colour, etc.; the necessity of reapplying chemical fertilisers regularly (and perhaps in increasing quantities) to maintain fertility; the cost (substantial and rising in recent years) and resulting lack of independence.

### **2/ PRODUCT COMPOSITION & CALCULATED AVERAGE ANALYSIS**

		<u>SICORGAN organo-mineral NPK 2.3.6 + 1 MgO</u>	
		<u>contains all trace elements:</u>	
Dry matter	88% min.	Iron (Fe)	1100 mg/kg
Humidity	12% max.	Manganese (Mn)	370 mg/kg
Organic matter (OM)	59%	Zinc (Zn)	300 mg/kg
Total Nitrogen (N)	2.0%	Copper (Cu)	82 mg/kg
Organic N	1.7%	Boron (B)	32 mg/kg
Ammoniacal-N (N-NH <sub>4</sub> )	0.6%	Molybdenum (Mo)	6 mg/kg
		Cobalt (Co)	0.01 mg/kg
Phosphate (P <sub>2</sub> O <sub>5</sub> )	3%	<u>Other characteristics</u>	
Potassium (K <sub>2</sub> O)	6%	Humic Acids (HA)	5%
Calcium (CaO)	8%	Fulvic Acids (FA)	15%
Magnesium (MgO)	1%	C/N	±11
Sulphate (SO <sub>4</sub> )	4.4%		
Sodium (Na <sub>2</sub> O)	0.5% max.		
Chlorine (Cl)	0.3% max.		
pH (10% solution)	8.2		
Density	+/- 750-850 kg/m <sup>3</sup>		
Pellet diameter: 4-5 mm (ideal for mechanical spreading)			

### **3/ ADDED VALUE & ADVANTAGES**

- \* Stimulates activity of micro-organisms in soil.
- \* Excellent source of humus
- \* Good balance of minerals.
- \* Avoid a boom and bust pattern of fertilisation.
- \* Homogeneous and stable thanks to very modern drying technology.
- \* Traceability thanks to controlled modern production.
- \* Fermented. Pasteurization according to European standard 1069-2009.
- \* Helps to retain soil moisture, reducing temporary moisture stress.

### **4/ APPLICATIONS**

General recommendation : 1-2 tons per ha. Frequency depends on soil and crop.  
For specific recommendations: same as for Sicorgan NPK 4.3.3 + 1 MgO.

### **5/ EASY TO USE**

The ideal granular shape makes SICORGAN organo-mineral NPK 2.3.6 + 1 MgO very easy to spread using a fertiliser distributor. It goes without saying that the product can also be distributed by hand or using a row fertilizer. SICORGAN organo-mineral NPK 2.3.6 + 1 MgO can be stored for long periods in dry, well-ventilated buildings.

### **6/ PACKING**

In 25 kg net multicolor SICORGAN polyethylene (pe) bags (with product info -*can be in any language: you provide us ready to print translation of our English standard text in your language*), bags without pallets about 22.2 MT/20' fcl or 19.2 MT/20' fcl if on pallets or 27.6 MT/40' fcl (loose bags) or 27.90 MT/40' fcl (bags on pallets).

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