



**PRODUCT INFO  
& DATASHEET**

# **SICORGAN**

## **Organo-mineral NPK 9.5.3 + 1 MgO (48 OM)**

### **in 4-5 mm pellets**

#### **1/ PRODUCT DESCRIPTION**

The high nitrogen content of SICORGAN organo-mineral NPK 9.5.3 + 1 MgO 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 9.5.3 + 1 MgO</u>
		<u>contains all trace elements:</u>
Dry matter	89% min.	Iron (Fe) 450 mg/kg
Humidity	11% max.	Manganese (Mn) 300 mg/kg
Organic matter (OM)	48%	Zinc (Zn) 280 mg/kg
Total Nitrogen (N)	9%	Copper (Cu) 55 mg/kg
Organic N	2.7%	Boron (B) 20 mg/kg
Ammoniacal-N (N-NH <sub>4</sub> )	3.1%	Molybdenum (Mo) 3 mg/kg
Ureic N (N-NH <sub>2</sub> )	3.2%	Cobalt (Co) < 1 mg/kg
Phosphate (P <sub>2</sub> O <sub>5</sub> )	5%	
Potassium (K <sub>2</sub> O)	3%	
Calcium (CaO)	8%	
Magnesium (MgO)	1%	<u>Other characteristics</u>
Sulphate (SO <sub>4</sub> )	5%	Humic Acids (HA) 4%
Sodium (Na <sub>2</sub> O)	0.5% max.	Fulvic Acids (FA) 14%
Chlorine (Cl)	0.5% max.	C/N ±3
pH (10% solution)	6	
Density	+/- 725-800 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**

Golf courses, lawns, rice cultivation etc. General recommendation : 1-2 tons per ha. Frequency depends on soil and crop. On rice use 500 – 1000 kg/ha. For other crops: same as for Sicoorgan NPK 4.3.3 + 1 MgO.

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

The ideal granular shape makes SICORGAN organo-mineral NPK 9.5.3 + 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 9.5.3 + 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 label -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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