



**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 ₄)	3.1%	Molybdenum (Mo) 3 mg/kg
Ureic N (N-NH ₂)	3.2%	Cobalt (Co) < 1 mg/kg
Phosphate (P ₂ O ₅)	5%	
Potassium (K ₂ O)	3%	
Calcium (CaO)	8%	
Magnesium (MgO)	1%	<u>Other characteristics</u>
Sulphate (SO ₄)	5%	Humic Acids (HA) 4%
Sodium (Na ₂ 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 ³	
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 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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