



**PRODUCT INFO
& DATASHEET**

SICORGAN-N HIGH

Organo-mineral NPK 10.2.1 + 1 MgO (52 OM)

in 4-5 mm pellets

03/2018

1/ PRODUCT DESCRIPTION

The high nitrogen content of SICORGAN-N HIGH 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-N HIGH NPK 10.2.1 + 1 MgO</u>	
		<u>contains all trace elements:</u>	
Dry matter	89% min.	Iron (Fe)	611 mg/kg
Humidity	11% max.	Manganese (Mn)	275 mg/kg
Organic matter (OM)	52%	Zinc (Zn)	122 mg/kg
Total Nitrogen (N)	10%	Copper (Cu)	21 mg/kg
Organic N	2.9%	Boron (B)	24 mg/kg
Ammoniacal-N (N-NH ₄)	2.4%	Molybdenum (Mo)	2 mg/kg
Ureic N (N-NH ₂)	4.6%	Cobalt (Co)	< 1 mg/kg
Phosphate (P ₂ O ₅)	2%		
Potassium (K ₂ O)	1%		
Calcium (CaO)	7%		
Magnesium (MgO)	1%		
Sulphate (SO ₄)	5%		
Sodium (Na ₂ O)	0.5% max.		
Chlorine (Cl)	0.5% max.		
pH (10% solution)	6		
Density	+/- 725-800 kg/m ³		

Other characteristics

Humic Acids (HA)	4%
Fulvic Acids (FA)	14%
C/N	> 3

Pellet diameter: 4-5mm (ideal for mechanical spreading) Ingredient composition: Poultry manure, urea.

Attention : As this is a natural product there may be analysis deviations between different production batches that can go up to +/- 10-15%

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 Sicorgan NPK 4.3.3 + 1 MgO.

5/ EASY TO USE

The ideal granular shape makes SICORGAN-N HIGH 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-N HIGH 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).

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.

SAP INTERNATIONAL CORPORATION by **Krekelenberg 83, B-2980 Zoersel, Belgium**
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be