



**PRODUCT INFO  
& DATASHEET**

# SICORGAN-N HIGH

## Organo-mineral NPK 10.3.3 + 1 MgO (50 OM)

### in 4-5 mm pellets

*revised 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 10.3.3 + 1 MgO</u>	
		<u>contains all trace elements:</u>	
Dry matter	89% min.	Iron (Fe)	600 mg/kg
Humidity	11% max.	Manganese (Mn)	275 mg/kg
Organic matter (OM)	50%	Zinc (Zn)	122 mg/kg
Total Nitrogen (N)	10%	Copper (Cu)	21 mg/kg
Organic N	2.8%	Boron (B)	24 mg/kg
Ammoniacal-N (N-NH <sub>4</sub> )	2.6%	Molybdenum (Mo)	2 mg/kg
Ureic N (N-NH <sub>2</sub> )	4.6%	Cobalt (Co)	< 1 mg/kg
Phosphate (P <sub>2</sub> O <sub>5</sub> )	3%		
Potassium (K <sub>2</sub> O)	3%		
Calcium (CaO)	6.9%		
Magnesium (MgO)	0.7%		
Sulphate (SO <sub>4</sub> )	4.9%		
Sodium (Na <sub>2</sub> O)	0.5% max.		
Chlorine (Cl)	0.5% max.		
pH (10% solution)	6		
Density	+/- 725-800 kg/m <sup>3</sup>		
Pellet diameter: 4-5 mm (ideal for mechanical spreading)			

#### Other characteristics

Humic Acids (HA)	4%
Fulvic Acids (FA)	14%
C/N	> 2

Ingredient composition: 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.
- \* Fermented. Pasteurization according to European standard Registration (EC) No. 1069-2009.
- \* Helps to retain soil moisture, reducing temporary moisture stress.
- \* Homogeneous and stable thanks to very modern drying technology.
- \* Traceability thanks to controlled modern production.
- \* Avoid a boom and bust pattern of fertilisation.

#### **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 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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