



**PRODUCT INFO  
& DATASHEET**

## SICORGAN

***Organo-mineral NPK 6.2.2 + 1 MgO (+ 0.7% MgO) (68 OM)  
for lawns, golf courts, rice cultivation etc in 4-5 mm pellets***

### **1/ PRODUCT DESCRIPTION**

The high nitrogen content of SICORGAN NPK 6.2.2 + 0.7 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 NPK 6.2.2 + 0.7 MgO</u>	
		<u>contains all trace elements:</u>	
Dry matter	88% min	Iron (Fe)	380 mg/kg
Humidity	12% max	Manganese (Mn)	280 mg/kg
Organic matter (OM)	68%	Zinc (Zn)	240 mg/kg
Total Nitrogen (N)	6%	Copper (Cu)	49 mg/kg
Phosphate (P <sub>2</sub> O <sub>5</sub> )	2%	Boron (B)	29 mg/kg
Potassium (K <sub>2</sub> O)	2%	Molybdenum (Mo)	7 mg/kg
Calcium (CaO)	5.9%		
Magnesium (MgO)	0.7%		
Sulphate (SO <sub>4</sub> )	2.2%	<u>Other characteristics</u>	
Sodium (Na <sub>2</sub> O)	0.5% max	C/N	> 5
Chlorine (Cl)	0.5% max		
pH (10% solution)	6.5	<u>Heavy metals</u>	
Density	+/- 750 - 800 kg/m <sup>3</sup>	Arsenic (As) < 2 mg/kg	Mercury (Hg) < 0.05 mg/kg
Pellet diameter	4-5 mm	Cadmium (Cd) < 1 mg/kg	Lead (Pb) < 5 mg/kg
(ideal for mechanical spreading)		Chromium (Cr) < 10 mg/kg	Nickel (Ni) < 5 mg/kg
<u>Ingredient composition:</u> Poultry manure, urea.			

**Attention:** As this is a 100% 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.
- \* Ecologically sound fertiliser, pellet, free from pathogens.
- \* Contains organic material such as humic acids able to release micro-nutrients in the soil. The nutrients gradually become available for absorption by the roots of the crop.
- \* 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.

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

The ideal granular shape makes SICORGAN NPK 6.2.2 + 0.7 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 organic compound NPK 6.2.2 + 0.7 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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