



# SICORGAN

## *Organo-mineral NPK 16.3.3 + 0.7 MgO (44 OM) in 5mm pellets*

### **1/ PRODUCT DESCRIPTION**

The high nitrogen content of SICORGAN organo-mineral NPK 16.3.3 + 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 artificial 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 artificial 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**

SICORGAN organo-mineral NPK 16.3.3 + 0.7 MgO contains all trace elements:

Dry matter	88.96% min.	Iron	(Fe)	1236 mg/kg
Humidity	11.04% max.	Manganese	(Mn)	326.4 mg/kg
Organic matter (OM)	44.20% min.	Zinc	(Zn)	285.6 mg/kg
Humic+Fulvic Acids	13.60% min.	Copper	(Cu)	74.8 mg/kg
Total Nitrogen (N)	16.10%	Boron	(B)	30.6 mg/kg
Phosphate (P <sub>2</sub> O <sub>5</sub> )	2.96%	Molybdenum	(Mo)	7.48 mg/kg
Potassium (K <sub>2</sub> O)	3.10%	Cobalt	(Co)	1.36 mg/kg
Calcium (CaO)	6.15%	Pellet diameter		5mm
Chlorine (Cl)	1.14% max.	EC (1 gr/l)		n/a
Sodium (Na <sub>2</sub> O)	0.34% max.	C/N		n/a
Magnesium (MgO)	0.70%	CEC		n/a
Sulphate (SO <sub>4</sub> )	0.50%			
pH (10% solution)	n/a			

Ingredient composition : pure poultry manure, urea, DAP 18-46-0 and natural potassium (SICO-VINASSE).

Product is free from sand and soil and seed weeds. Product is free of pathogenic vegetative bacteria, coccidia helminths and viruses, Foot-and-Mouth Disease, Fowl Cholera, Fowl Pest, Avian Influenza and New-castle Disease. Salmonella is not present in the product. After processing the product has not been exposed to contamination.

### **3/ ADDED VALUE & ADVANTAGES**

- \* Good balance of minerals.
- \* Avoid a boom and bust pattern of fertilisation.
- \* Helps to retain soil moisture, reducing temporary moisture stress.

### **4/ APPLICATIONS**

General recommendation : 1-2 tons per ha. Frequency depends on soil and crop.

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

The ideal granular shape makes SICORGAN organo-mineral NPK 16.3.3 + 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 organo-mineral NPK 16.3.3 + 0.7 MgO can be stored for long periods in dry, well-ventilated buildings.

### **6/ PACKING**

In 25 kg net multicolor & 7 languages SICORGAN polyethylene (pe) bags (with extra thermo print – on 16 x 10 cm space – 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 21 MT/20' fcl.