



**PRODUCT INFO
& DATASHEET**

SICORGAN

Mineral organic NPK 8.3.3 + 1.2 MgO (55 OM) for biological cultivation, in 5 mm pellets, high N

05/2016

1/ PRODUCT DESCRIPTION

SICORGAN organic mineral fertiliser NPK 8.3.3 + 1.2 MgO produced from fermented and heat treated dung and urea, is a natural fertiliser, specially developed for use in crops that require a high level of potassium, but little chlorine. This natural fertiliser pellet, enriched with a natural source of potassium, contains high-quality organic matter allowing a constant potassium availability during the entire growing season. **The potassium source is low in chlorine, making the end product extremely suitable for crops that cannot tolerate potassium chloride fertilisers.** SICORGAN organic mineral fertiliser NPK 8.3.3 + 1.2 MgO is therefore an excellent natural alternative for other potassium fertilisers and contains on top all trace elements.

2/ PRODUCT COMPOSITION & CALCULATED AVERAGE ANALYSIS

Dry matter	88% min	<u>SICORGAN organic mineral fertiliser NPK 8.3.3 + 1.2 MgO</u>	
Moisture	12% max	<u>contains all trace elements:</u>	
Organic matter (OM)	55% min	Iron (Fe)	900 mg/kg
Humic and Fulvic acids	20% min	Manganese (Mn)	340 mg/kg
Total Nitrogen (N)	8.0%	Zinc (Zn)	450 mg/kg
Nitrogen (organic)	7.7%	Copper (Cu)	80 mg/kg
Ammoniacal-N (N-NH ₄)	0.3%	Boron (B)	21 mg/kg
Phosphate (P ₂ O ₅)	2.5%	Molybdenum (Mo)	2.6 mg/kg
Potassium (K ₂ O)	2.5%		
Calcium (CaO)	7%	Pellet diameter	5 mm
Magnesium (MgO)	1.2%	Bulk density	ca. 700 kg/m ³
Sulphate (SO ₄)	1.3%	pH	7
Chlorine (Cl)	0.098%		
Sodium (Na ₂ O)	0.31%		

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

- * fermented and composted
- * high potassium value on sulphate basis
- * gradual release of minerals
- * Minerals such as nitrogen, phosphate and potassium become available to the plants gradually and when they are required, so that there is no risk of minerals being washed away. (leaching)
- * Our pellets create an airy soil, so that the roots absorb more oxygen and crops grow better.
- * A large proportion of the product consists of protein, made up of amino acids. These amino acids are gradually released as a result of the breakdown of the organic structures, making the plants stronger.

4/ APPLICATIONS

Vegetables, fruit, viniculture, arboriculture, tobacco cultivation etc.

5/ EASY TO USE

The ideal granular shape makes SICORGAN organic mineral fertiliser NPK 8.3.3 + 1.2 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 mineral fertiliser NPK 8.3.3 + 1.2 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.

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