



**PRODUCT INFO
& DATASHEET**

SICORGAN-K CURE

**Organo-mineral NPK 4.2.10 + 1 MgO (53 OM)
for ecological cultivation, in 4-5 mm pellets**

06/2020

1/ PRODUCT DESCRIPTION

SICORGAN-K CURE NPK 4.2.10 + 1 MgO is 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-K CURE NPK 4.2.10 + 1 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>Trace elements (average):</u>	
Humidity	12% max	Iron (Fe)	620 mg/kg
Organic matter (OM)	53%	Manganese (Mn)	270 mg/kg
Total Nitrogen (N)	4%	Zinc (Zn)	262 mg/kg
Phosphate (P2O5)	2%	Copper (Cu)	60 mg/kg
Potassium (K2O)	10%	Boron (B)	25 mg/kg
Calcium (CaO)	7%	Molybdenum (Mo)	7 mg/kg
Magnesium (MgO)	1%	<u>Heavy metals:</u>	
Sulphate (SO4)	11%	Arsenic (As)	< 2 mg/kg
Sodium (Na2O)	0.5%	Cadmium (Cd)	0.18 mg/kg
Chlorine (Cl)	0.5% max	Chromium (Cr)	< 10 mg/kg
pH (10% solution)	7	Mercury (Hg)	< 0.05 mg/kg
C/N	> 7	Lead (Pb)	< 5 mg/kg
Density	750-800 kg/m ³	Nickel (Ni)	< 5 mg/kg

Ingredient composition: Poultry manure, urea, potassium sulphate.

3/ ADDED VALUE & ADVANTAGES

- * Stimulates activity of micro-organisms in soil. * Homogeneous and stable thanks to very modern drying technology.
- * Fermented. Pasteurization according to European standard 1069-2009. * Gradual release of minerals
- * High potassium value on sulphate basis * Traceability thanks to controlled production.
- * 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) * Excellent source of humus
- * 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.
General recommendation : 1-2 tons per ha. Frequency depends on soil and crop.

5/ EASY TO USE

The ideal granular shape makes SICORGAN-K CURE NPK 4.2.10 + 1 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-K CURE organic compound NPK 4.2.10 + 1 MgO can be stored for long periods in dry, well-ventilated buildings.

6/ PRESERVATION CONDITIONS AND STORAGE

Store dry. No special preservation conditions nor precautionary measures required.

7/ 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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