



**PRODUCT INFO
& DATASHEET**

NATURACTIV[®] (or SICORGAN[®]) ORGANIC NPK

Mineral organic NPK 8.3.3 + 0.8 MgO (55 OM)

for biological cultivation, in 5 mm pellets, high N

Revised 04/2021

1/ PRODUCT DESCRIPTION

Organic mineral fertiliser NPK 8.3.3 + 0.8 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.** Organic mineral fertiliser NPK 8.3.3 + 0.8 MgO is therefore an excellent natural alternative for other potassium fertilisers and contains on top all trace elements.

2/ PRODUCT COMPOSITION & CALCULATED AVERAGE ANALYSIS

Parameters	% product w/w		
Product	organic mineral fertiliser, produced from fermented and heat treated dung and ureum.		
Shape	Pellet		
Pellet diamter	5 mm		
Bulk density	± 700 kg/m ³		
Dry matter	88 % min.		
Moisture	12 % max.		
Organic matter	55 % min.		
Humic and fulvic acids	20 %		
pH	7		
C/N org.	9		
Nitrogen (total)	8.0 %		
Nitrogen (organic)	7.7 %		
Nitrogen (ammonium)	0.3 %		
Phosphorus (P ₂ O ₅)	2.5 %		
Potassium (K ₂ O)	2.5 %		
Magnesium Oxide (MgO)	0.8 %		
Sulfur (SO ₄)	1.3 %		
Calcium (CaO)	6.0 %		
Chlorine (Cl)	0.098 %		
Sodium (Na ₂ O)	0.31 %		
Trace elements		Heavy metals	
Iron (Fe)	500 mg/kg	Arsenic (As)	< 3 mg/kg
Manganese (Mn)	410 mg/kg	Cadmium (Cd)	0.41 mg/kg
Zinc (Zn)	290 mg/kg	Chromium (Cr)	10 mg/kg
Copper (Cu)	57 mg/kg	Copper (Cu)	51 mg/kg
Boron (B)	19 mg/kg	Mercury (Hg)	< 0.04 mg/kg
Molybdenum (Mo)	2.6 mg/kg	Lead (Pb)	4.20
		Nickel (Ni)	3.5
		Zinc (Zn)	240

* Because its natural origin, above NPK values can vary up to 10-15% from batch to batch.

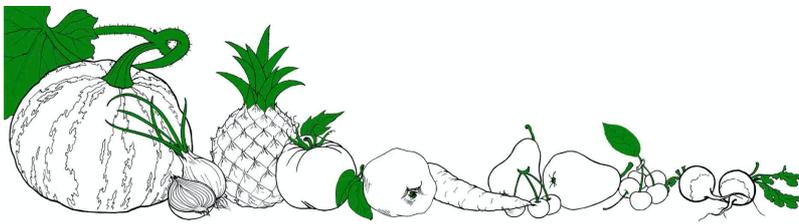
Product is free from sand and soil and seed weeds. Product is free of pathogenic vegetative bacteria, coccidia helminths and viruses, Foot-and mouth Disease, Fowl Cholera, Fowl Pest, Avian Influenza and New-castle Disease.

Salmonella is not present in the product.

After processing the product has not been exposed to contamination.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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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, viticulture, arboriculture, tobacco cultivation etc.

5/ EASY TO USE

The ideal granular shape makes Organic mineral fertiliser NPK 8.3.3 + 0.8 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.

Organic mineral fertiliser NPK 8.3.3 + 0.8 MgO can be stored for long periods in dry, well-ventilated buildings.

6/ PACKING

- Multicolor plastic bags of 25 kg, 852 x 25 kg loose stowed = 21,300 kgs net/20' or 21 pallet spaces of 50 x 25 kg bags (1250 kgs) = 26,250 kgs net/40'
 - Big bags possible in the range between 500 – 1200 kg.
 - Bulk in container or trucks, about 28 MT/20ft fcl (depends on max. bruto weight allowed in country of destination).
- A 40ft container has 21 pallet spaces, this means 21 big bags each of 1000 kg (21 MT) or 1200 kg (25.2 MT) or 42 big bags of 500 kg (21 MT/20ft) or 600 kg (25.2 MT/40ft) (2 per pallet).

Origin: E.U.