



**PRODUCT INFO
& DATASHEET**

SICORGAN-N HIGH

Organo-mineral NPK 10.2.2 + 1 MgO (52 OM)

in 4-5 mm pellets

03/2018

1/ PRODUCT DESCRIPTION

The high nitrogen content of SICORGAN-N HIGH 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-N HIGH NPK 10.2.2 + 1 MgO</u> | |
|--|-------------------------------|---|-----------|
| | | <u>contains all trace elements:</u> | |
| Dry matter | 89% min. | Iron (Fe) | 611 mg/kg |
| Humidity | 11% max. | Manganese (Mn) | 275 mg/kg |
| Organic matter (OM) | 52% | Zinc (Zn) | 122 mg/kg |
| Total Nitrogen (N) | 10% | Copper (Cu) | 21 mg/kg |
| Organic N | 2.9% | Boron (B) | 24 mg/kg |
| Ammoniacal-N (N-NH ₄) | 2.4% | Molybdenum (Mo) | 2 mg/kg |
| Ureic N (N-NH ₂) | 4.6% | Cobalt (Co) | < 1 mg/kg |
| Phosphate (P ₂ O ₅) | 2% | | |
| Potassium (K ₂ O) | 2% | | |
| Calcium (CaO) | 7% | | |
| Magnesium (MgO) | 1% | | |
| Sulphate (SO ₄) | 5% | | |
| Sodium (Na ₂ O) | 0.5% max. | | |
| Chlorine (Cl) | 0.5% max. | | |
| pH (10% solution) | 6 | | |
| Density | +/- 725-800 kg/m ³ | | |

Other characteristics

| | |
|-------------------|-----|
| Humic Acids (HA) | 4% |
| Fulvic Acids (FA) | 14% |
| C/N | > 3 |

Pellet diameter: 4-5 mm (ideal for mechanical spreading) Ingredient composition: Poultry manure, urea.

Attention : As this is a 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.
- * 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. On rice use 500 – 1000 kg/ha. For other crops: same as for Sicorgan NPK 4.3.3 + 1 MgO.

5/ EASY TO USE

The ideal granular shape makes SICORGAN-N HIGH 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-N HIGH can be stored for long periods in dry, well-ventilated buildings.

6/ PACKING

In 25 kg net multicolor SICORGAN polyethylene (pe) bags (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 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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