



**PRODUCT INFO
& DATASHEET**

SICOFERT NPK 18.6.5 + 4 MgO + 20 SO₃ (C*)

Granular Complex MOP based Fertiliser with MgO and S

E.C. Fertiliser

Update 4/2024

1) PRODUCT

NPK Granular complex Fertiliser. - E.C. Methods of analysis & tolerances & deviations as per EU regulation nr 2019/1148.

2) BRAND : SICOFERT NPK 18.6.5 + 4 MgO + 20 SO₃

3) TYPICAL SPECIFICATIONS

*** Chemical Analysis**

	<u>Calculated %</u>	<u>Specification</u>
Total Nitrogen (N)	18	± 4.7% Nitric N (NO ₃) ± 13.3% Ammoniacal N (NH ₄)
Total Phosphorus pentoxide (P₂O₅)	6	soluble in water and neutral ammonium citrate
Phosphorus pentoxide soluble in water	3.9	soluble in water
Total Potassium oxide (K₂O)	5	soluble in water, based on Muriate of Potash (MOP)
Total Magnesium Oxide (MgO)	4	soluble in mineral acids
Total Sulphur trioxide (SO₃)	20	
Sulphur trioxide soluble in water	18	soluble in water

*** Physical Properties**

- Sieve analysis/Granulometry

* between	1-5 mm > 98%
between	2-5 mm > 90%
* Average size particle	3.5 mm

4) APPLICATIONS

Ideal high N general fertiliser for intensive economic agriculture and grassland.

5) ADVANTAGES

- Reduces soil damage because of fewer spreading applications
- High yields due to maximum availability of the nutrient elements
- Reliable dosage, due to just one spreader calibration
- Availability of all the essential nutrients in only one formula
- Trials prove, that nutrient supply is hardly negatively affected under adverse growth conditions

6) USAGE

For meadows, agriculture and vegetables in open fields.

Donot use on chlor sensitive crops, on which please use our low chlor fertilisers (SOP based) such as :

- Sicofert NPK 15.15.15 + 15 SO₃ (grey granules)
- Sicofert Grey Granule NPK 12.10.18 + 25 SO₃ (grey granules)
- Sicofert Blue Granule nr.3 NPK 12.12.17 + 2MgO + 24.40 SO₃ + TE (blue granules)
- Sicofert Green Granule NPK 15.5.20 + 2MgO + 25 SO₃ + TE (green granules)
- etc.

Please consult your local agronomist for a tailor-made personal fertilisation program based on soil examination & analysis.

7) PRECAUTIONS

Always keep the bag closed when not in use. Store out of direct sunlight and damp. Keep out of reach of children. Wash hands after use.

8) PACKING

- 25 or 40 or 50 kg wpp + pe bags (loose bags or on pallets)
- 500 or 1,000 kg or 1,200 kg big bags
- bulk in container

*C = chlor holding

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