



**PRODUCT INFO
& DATASHEET**

SICOFERT "BLUE GRANULE Nr. 3"

COMPLEX NPK 12.12.17 + 2 MgO + TE (L.C.) (SOP)

*Blue colored low-chlorine NPK with high contents of trace elements
Suitable as basic fertilisation for well balanced soils and plants with high
potassium needs - EC Fertiliser*

6/11/2023

1. PRODUCT DESCRIPTION

NPK fertiliser, poor in chlorine BLUE COLORED, containing trace elements, particularly suitable for basic fertilisation for well-balanced soils and plants with high potassium needs. Thanks to its 1-1-1.4 balanced formula, this is a universal NPK suitable for all situations. It may be completed with SICOGREEN water soluble crystalline or liquid or suspension NPK's for fertirrigation.

2. TYPICAL SPECIFICATIONS **Type 1 (24.40% SO₃)** **Type 2 (26% SO₃)** *(depends on batch produced)*

- CHEMICAL ANALYSIS	Percent Analysis	Specification	Percent Analysis	Specification
Total Nitrogen (N)	12 %	3 % (NO ₃) 9 % (NH ₄)	12 %	3 % Nitrate Nitrogen (NO ₃) 9 % Ammoniacal Nitrogen (NH ₄)
Total Phosphorus Pentoxide (P ₂ O ₅)	12 %		13 %	
soluble in neutral ammonium citrate and in water		12 %		12 %
soluble in water		7.8%		10.5 %
Potassium Oxide (K ₂ O)	17 %		17 %	
soluble in water soluble (SOP based)		17 %		17 %
Magnesium Oxide (MgO)	2 %		2 %	
Total Sulphur Trioxide (SO ₃)	24.4 %		26 %	
SO ₃ soluble in water		22 %		25 %
Trace elements				
Boron (B)	0.02 %	water soluble	0.02 %	water soluble
Total Molybdenum (Mo)	0.001 %	water soluble	0.001 %	water soluble
Total Copper (Cu)	0.02 %		0.02 %	
Total Iron (Fe)	0.07 %		0.15 %	
Total Manganese (Mn)	0.06 %		0.06 %	
Total Zinc (Zn)	0.1 %		0.1 %	

**LOW CHLORINE (max 3% Cl) EU Regulation 2019/1009 - Tolerances & deviations allowed as per E.C. regulations.
Product governed by EU regulation (2019/1148)**

- PHYSICAL PROPERTIES

- Sieve analysis/Granulometry
 - * between 1-5 mm > 98%
 - between 2-5 mm > 90%
 - * Average size particle 3.5 mm
- Density : ± 1.1
- Hardness : ± 7000 g/cm²

General remarks:

This fertiliser is produced on basis of Potassium Sulphate, hence also suitable for intensive horticulture. The granules are colored blue.

3. GUIDELINES FOR APPLICATION

Please consult your local agronomist for a tailor-made personal fertilisation program based on soil examination & analysis. If such advice is not available, then the below mentioned table will give you an indication of required quantities. This fertiliser is used as soil fertiliser in horticulture and on public greens. Is very suitable for cultivation of flowerbulbs, fruits, trees, ornamentals, etc... both in open soil and under glass.



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SOME RECOMMENDATIONS:

APPLY TO SOIL - BASIC FERTILISATION (kg/100 sqm)

Root vegetables (carrots, etc.)	12	Strawberries	10
Leek	13	Salad	13 (in 3 applications)
Gherkins	10	Onions	9
Lettuce	22	Tomatoes	15
Cabbages	18	Beans	4
Ornamentals	3 – 6	Spinach	12
Small fruit	4 – 6	Grapes	7 – 9
Fruit trees	10	Orchards & tree nurseries	6
Tobacco	7 – 8	Orchards and vine	8 at start of vegetation
Potatoes	20 before plantation	Flowerbeds	9
Potatoes (earlies)	11	Market crops	12.5 - 15 before seeding or plantation

Lawns (spread during rainy weather a week before mowing)

- during sowing	24
- maintenance February	10
June	10

Sprinkle the item per above table evenly on / under soil around plants. Apply during the full period. Dosage to be used depends on local factors, crops and climatological conditions. Please contact local agronomist or importer.

INSTRUCTIONS:

For sowing: incorporate the NPK in the top layer of the soil (10 cm) a few days before sowing.

For maintenance: spread the NPK during rainy weather and let it incorporate.

Above indications are given without any responsibility.

4. 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.

5. PACKING In 25/40/50/500/1000/1200 kg bags.

REGULATION (EU) 2019/1009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 June 2019 laying down rules on the making available on the market of EU fertilising products and amending Regulations (EC) No 1069/2009 and (EC) No 1107/2009 and repealing Regulation (EC) No 2003/2003