



**PRODUCT INFO  
& DATASHEET**

**SICOFERT "BLUE GRANULE" (Nr. 4)**  
**COMPLEX NPK 12.12.17 + 2 MgO + TE + 24 SO<sub>3</sub> (L.C.\*)**  
*Blue colored low-chlorine NPK with trace elements*  
*Suitable as basic fertilisation for well balanced soils and plants with high potassium needs - EC Fertiliser*  
*Origin: EU*

*revised 16/06/2023*

**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**

**- CHEMICAL ANALYSIS**

	<u>Percent Analysis</u>	<u>Specification</u>
Total Nitrogen (N)	12 %	3.7 % Nitrate Nitrogen (NO <sub>3</sub> ) 8.3 % Ammoniacal Nitrogen (NH <sub>4</sub> )
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	12 %	soluble in neutral ammonium citrate and in water, 8.4 % water soluble
Potassium Oxide (K <sub>2</sub> O)	17 %	water soluble (SOP based), poor in chlorine
Total Magnesium Oxide (MgO)	2 %	soluble in mineral acids
Total Sulphur Trioxide (SO <sub>3</sub> )	24 %	of which 21% water soluble
<u>Trace elements</u>		
Boron (B)	0.02 %	water soluble
Molybdenum (Mo)	0.0004%	water soluble
Total Iron (Fe)	0.07 %	
Total Manganese (Mn)	0.06 %	
Total Zinc (Zn)	0.04 %	

**L.C. = LOW CHLORINE**

Tolerances

Regulations (EC) nr: 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers.

**- 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/cm<sup>2</sup>

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.

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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**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.