



**PRODUCT INFO  
& DATASHEET**

## **SICOFERT NPK 9.7.14 + 3 MgO + 22 SO3 (L.C.)**

*Low chlorine (LC) granular complex NPK fertiliser with Magnesium and Sulphur for chlor sensitive crops (SOP based) and phosphorus rich soils.*

*- EC Fertiliser -*

4/2024

### **1. PRODUCT DESCRIPTION**

NPK Granular complex fertiliser containing 22% SO<sub>3</sub>.

EC fertiliser (Methods of analysis & tolerances & deviations as per EU regulations)

### **2. TYPICAL SPECIFICATIONS**

#### Typical Chemical analysis

<u>Typical Chemical analysis</u>	<u>Percent Analysis</u>	<u>Specification</u>
Total Nitrogen ( <b>N</b> )	9 %	4.3% Nitrate Nitrogen (NO <sub>3</sub> ) 4.7% Ammoniacal Nitrogen (NH <sub>4</sub> )
Phosphorus Pentoxide ( <b>P2O5</b> )	7 %	soluble in neutral ammonium citrate and in water, 4.9% water soluble
Potassium Oxide ( <b>K2O</b> )	14 %	water soluble (low chlor) – SOP based
Magnesium Oxide ( <b>MgO</b> )	3 %	soluble in mineral acids
Total Sulphur Trioxide ( <b>SO3</b> )	22 %	10% water soluble

### **LOW CHLORINE – Tolerances & deviations allowed as per E.C. regulations nr. 2019/1148**

#### **PHYSICAL PROPERTIES**

- Sieve analysis/Granulometry		- Color : natural greyish
* between 1-5 mm > 98%		- Density : 1.1
between 2-5 mm > 90%		- Hardness : 7000 g/cm <sup>2</sup>

General remarks: This fertiliser is produced on basis of Potassium Sulphate, hence also suitable for intensive horticulture.

### **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.

#### SOME RECOMMENDATIONS:

##### Apply to soil – Basic fertilisation (kg/100 sqm)

Root vegetables (carrots, etc.)	9	Tomatoes	12
Leek	10	Beans	3
Gherkins	10	Spinach	9
Lettuce	22	Fruit Trees	8 at start of vegetation
Cabbages	14 - 18	Tobacco	7 – 8
Ornamentals	3 – 6	Potatoes	16 before plantation
Small fruit	4 – 6	Grapes	7 – 9
Orchards & tree nurseries	6 – 8	Flowers	9
Orchards and vine	8 at start of vegetation	Lawns (spread during rainy weather a week before mowing)	
Market crops	12.5 - 15 before seeding or plantation	- during sowing 20 - maintenance Febr 8 - June 8	

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 kg net wpp + pe bags and 1000/1200 kg big bags.

In 25 kg multicolor pe bags (with productlabel), 1200 kgs per plasticwrapped pallet, 20 pallets = 24 MT/20ft container.