



**PRODUCT INFO  
& DATASHEET**

## **SICOFERT GRANULAR BLENDED (L.C.) NPK 11.22.16 + 21 SO<sub>3</sub> (SOP based)**

**Low chlorine (L.C.), High P granular blended NPK**

Efficient high P fertiliser for any agricultural purposes esp. for chlor sensitive crops & soils

- E.C. Fertiliser -

Sico blend nr. 35485 9/2020

**1/ PRODUCT** NPK granular blended fertiliser containing 20.66% SO<sub>3</sub>

### **2/ STANDARD SPECIFICATIONS**

<u>* Chemical Analysis</u>	<u>Calculated %</u>	<u>Specification</u>
Total Nitrogen ( <b>N</b> )	11	± 8.61% Ammoniacal Nitrogen (N-NH <sub>4</sub> ) ± 2.39% Ureic Nitrogen (N-NH <sub>2</sub> )
Phosphorus Pentoxide ( <b>P<sub>2</sub>O<sub>5</sub></b> )	22	soluble in neutral ammonium citrate and in water 19.61% soluble in water
Potassium Oxide ( <b>K<sub>2</sub>O</b> )	16	soluble in water (SOP based)

\* Extra calculated values

Sulphur Trioxide ( <b>SO<sub>3</sub></b> )	20.66 %
Calcium soluble in mineral acid ( <b>CaO</b> )	6.74 %

Acid Binding Values (ABV): 15.85% ABV grassland / 18.00% ABV agricultural land

### **3/ Minerals supplied with 100 kg NPK per ha:**

N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O Ca	SO <sub>3</sub>
11 kg	22 kg	16 kg	21 kg

### **4/ METHODS OF ANALYSIS**

Methods of sampling and of analysis and analysis tolerances & deviations allowed as per E.C. regulations.

[https://eur-lex.europa.eu/resource.html?uri=cellar:afaa9799-bcff-486f-8c45-d51052c754bf.0004.01/DOC\\_84&format=PDF](https://eur-lex.europa.eu/resource.html?uri=cellar:afaa9799-bcff-486f-8c45-d51052c754bf.0004.01/DOC_84&format=PDF)

The E.C. methods of sampling & analysis, allowed tolerances & regulations etc. can be found on internet

<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R1009>

Also tolerances on analysis are as per regulation (EC) nr. 2003/2003 of the European Parliament and of the Council of 13 October 2003 relating to fertilisers.

- Methods of analysis used by our laboratory checking our NPK's are:
  - N-NO<sub>3</sub>N N-NH<sub>4</sub>, chlorine and Bicarbonate by CFS technique (continuous flow system)
  - other elements (trace elements, K<sub>2</sub>O, P<sub>2</sub>O<sub>5</sub>, Na, SO<sub>3</sub>, ...) by ICP technique.

CFS & ICP are internationally recognized and standardized methods.

- EC Fertiliser