



**PRODUCT INFO  
& DATASHEET**

# **SICOFERT MAIZE GRANULAR BLENDED (C.) NPK 8.9.13 + 2 MgO + 21 SO<sub>3</sub> (MOP based)**

Fertiliser esp. suitable a.o. for cereals etc.  
- E.C. Fertiliser -

Sico blend 35960 - 03/2021

## **1/ PRODUCT**

NPK granular blended fertiliser.  
EC Fertiliser

## **2/ STANDARD SPECIFICATIONS - SPECIFICATIONS STANDARD**

### **\* Chemical Analysis / Analyse Chimique**

	Calculated %	Specification
Total Nitrogen / <i>Azote total</i> (N)	8	4% Ammoniacal Nitrogen / <i>Azote Ammoniacal (N-NH<sub>4</sub>)</i> 4% Ureic Nitrogen / <i>Azote Uréique (N-NH<sub>2</sub>)</i>
Phosphorus Pentoxide / <i>Anhydride phosphorique</i> (P <sub>2</sub> O <sub>5</sub> )	9	9% soluble in neutral ammonium citrate and in water <i>soluble dans l'eau et le citrate d'ammonium neutre</i> 6.17% soluble in water / <i>soluble dans l'eau</i>
Potassium Oxide / <i>Oxyde de potassium</i> (K <sub>2</sub> O)	13	13% Soluble in water / <i>soluble dans l'eau</i> (MOP based / <i>basé KCl</i> )

### **\* Extra calculated values per 100 kg (indicative only) / Valeurs supplémentaires calculées par 100 kg (indicatives):**

Total Magnesium Oxide / <i>Oxyde de Magnésium</i> (MgO)	2.0% (0.50% water soluble / <i>soluble dans l'eau</i> )
Sulphur Trioxide / <i>Anhydride Sulfurique</i> (SO <sub>3</sub> )	20.65%
Chlor / <i>Chlore</i> (Cl)	9.75%
Calcium soluble in mineral acid (CaO)	15.41%
<b>Acid Binding Values (ABV):</b>	
-6.10% ABV grassland	
-7.61% ABV agricultural land	

## **3/ Minerals supplied with 100 kg NPK per ha / Minéraux livrés avec 100 kg de NPK par ha:**

N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	MgO	SO <sub>3</sub>
8 kg	9 kg	13 kg	2 kg	21 kg

## **3/ 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 / *Engrais CE*

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