



**PRODUCT INFO  
& DATASHEET**

## SICOKAL®

*100% natural slow release prilled lime fertiliser – competitively priced*  
**54% CaO + 1% MgO**  
*EC Fertiliser*

12/2023

### **1. INTRODUCTION : problems with acid soils – how to tackle ?**

We are frequently confronted with questions from clients having problems with acid soils (= soils with too low pH eg. 4.5-5.5).

Indeed acid soils have risks of

- lack of MgO and P
- too much Fe, Mn, Al
- necrose of plants by poisoning by heavy metals

To solve such problems we recommend fertilisers with high acid binding value (ABV) for which we recommend various products (plse ask our special notice) and esp. our new product SICOKAL®.

### **2. PRODUCT DESCRIPTION & USE**

The most important function of lime fertilisers is to restore and maintain the pH value of the soil. pH in the soil is an important parameter. If your soil is too low in pH, you need to rise it. **Consistent liming of soils is therefore crucial for a healthy crop.**

**SICOKAL® is a 100% natural slow release lime fertiliser.** It will rise the pH of your soil when required.

Because of the hardness and insolubility in water of the prills, you may store them even outside. Because of its a slow release activity it will not harm the soil life. Ideal for your cultivated fields, gardens or maintaining nature reserves!

### **3. PRODUCT SPECIFICATIONS**

\* Typical chemical analysis

<b>SICOKAL</b>		
<b>CaCO<sub>3</sub></b>	<b>96.99</b>	<b>% in dm</b>
Ash	99.1	%
Organic matter	0.9	%
SO <sub>3</sub>	1.49	%
MgO	0.91	%
Na <sub>2</sub> O	0.37	%
Mn	0.24	%
K <sub>2</sub> O	220	mg/kg
Si	148	mg/kg dm
Fe	130	mg/kg dm
Al	83	mg/kg dm
P <sub>2</sub> O <sub>5</sub>	14	mg/kg
P	6	mg/kg
B	<5.0	mg/kg dm
Co	<0.5	mg/kg dm
Cu	<0.5	mg/kg dm
Mo	<0.1	mg/kg dm
Ammonium (N)	<0.1	%
Nitrate (N)	<0.1	%
Organic (N)	<0.1	%
Zn	<0.05	mg/kg dm
<u>Heavy metals :</u>		
Pb	<0.05	mg/kg dm
Ni	<0.05	mg/kg dm
Hg	<0.05	mg/kg dm
Cr	<0.05	mg/kg dm
As	<0.05	mg/kg dm
Cd	<0.01	mg/kg dm

dm = dry matter

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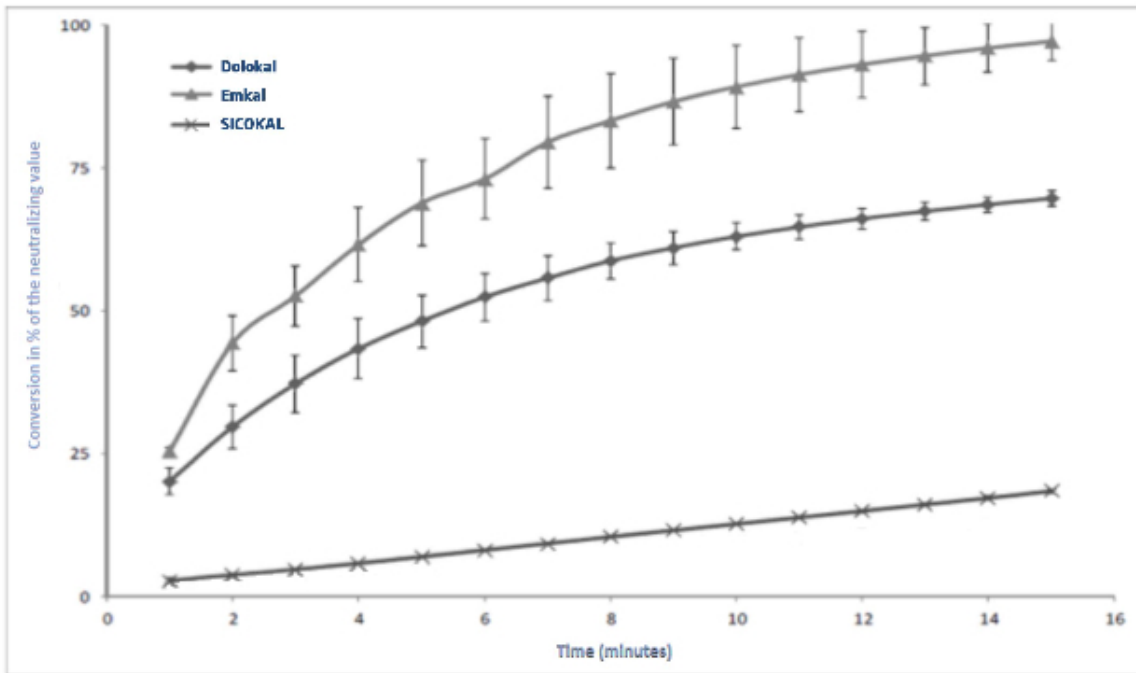
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#### **4. ADVANTAGES**

SICOKAL® is a 100% natural SLOW RELEASE lime fertiliser. See comparative release curve chart below.

Release Curve



Responsiveness of the tested lime fertilizers according to the Sauerbeck & Rietz method

#### **5. PACKING**

- in 25 or 40 or 50 kg wpp+pe bags.
- in 25 kg partially transparent pe bags.
- in big bags.