



**PRODUCT INFO  
& DATASHEET**

**SICOCOTE® SUPER-PSC (Sugar Cane) (10 M)**  
**NPK 04.07.30 + 3 MgO**  
**CONTROLLED RELEASE FERTILISER (CRF) (10 months)**  
*ESSENTIAL HIGH-K NUTRITION FOR SUGAR CANE*  
**Item Code: PSC2** 5/2017

**1. General information on SICOCOTE SUPER CRF.**

SICOCOTE® SUPER: EVERY TIME THE RIGHT SOLUTION AND CONTROL !  
 TRULY SUPERIOR Advanced Controlled Release fertiliser technology, bringing important benefits:

- **PRECISION**
- **ECO FRIENDLINESS**
  - Practically no leaching or volatilisation of nutrients
  - Organic based coating that degrades naturally in time
  - Less maintenance and irrigation needed thanks to stronger plants and healthier root systems
- **PREDICTABILITY**
- **HIGH RETURN ON INVESTMENT**
- **COMPLETE AND SAFE NUTRITION**
- **HIGHLY EFFICIENT AND ECONOMICAL**
  - Formulation and release curve are turned to the specific plant needs

SICOCOTE SUPER is a mineral fertiliser with a polymer coating made from organic materials, which degrades naturally in time. The coating encapsulates the Nitrogen (N), Phosphorus (P) and Potassium (K) as well as other nutrients or trace elements.

SICOCOTE SUPER releases the right amount of specific nutrients over a given period of time. After being applied, the granule attracts water and it passes through the coating. The dissolved nutrients are subsequently released into the soil due to osmosis and dissolving. Depending on the product design the nutrients are released over a period from 2 to 18 months. The release period is predictable, no nutrient leaching occurs and the product is safe against scorching.

HOW SICOCOTE SUPER WORKS :



**2. SICOCOTE® SUPER-PSC (SUGAR CANE):**

SICOCOTE® SUPER-PSC SUGAR CANE is specially tuned to the nutrition needs of sugar cane in light soil conditions.

Its high K content with 100% coating promotes optimum yield development while the added Magnesium stimulates the plant's natural resistance to disease and stress conditions. Being a combination of coated with uncoated granular minerals it also ensures immediate availability of nutrients. At the same time the organic based polymer coating delivers a continuous supply of nutrients over a prolonged period of time.

**Environmentally friendly**

- \* Organic based polymer coating that degrades naturally in time
- \* Practically no leaching or volatilisation of nutrients
- \* **Less fertiliser necessary to achieve optimum results**

**Precise controlled nutrition**

- \* Uniform and well-balanced crop development due to predictable release curve
- \* Compound formula fort he nutrition of sugar cane plants in light soil conditions
- \* Reliable polymer coating secures uninterrupted nutrition up to 10 months
- \* Safe and reliable. No root scorching when used according recommendations

**Highly efficient and economical**

- \* Lower transportation and warehousing costs
- \* Healthy, stress-free plant development
- \* Apply only once and gain significant savings in labour cost and time

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.



### **3. \* Product specifications**

<b>ITEM CODE</b>	<b>PSC1</b>
Total Nitrogen as <b>N</b>	4 %
Nitric Nitrogen (N-NO <sub>3</sub> )	1.2 %
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	2.8 %
Phosphorus Pentoxide <b>P2O5</b>	7 %
Soluble in neutral ammonium citrate and water	
Water soluble	6.0 %
Potassium as <b>K2O</b>	30 %
Water soluble	30.0 %
Magnesium as <b>MgO</b>	3 %
Water soluble	2.7 %
Sulphur Trioxide <b>SO3</b>	31 %
Water soluble	28.0 %
Chloride content Cl	< 1 %

### **\* Physical properties**

Average granule size: 3.1 mm  
 Colour: white/brown  
 Product longevity determined in months (M) at average soil temperature as given below.

Longevity at 15° C	Longevity at 21°	Longevity at 30°
12 M	10 M	7 M

### **\* Coating specifications**

Coating material: degradable polymer coating  
 Coated N of total N: 59%  
 Coated K<sub>2</sub>O of total K<sub>2</sub>O<sub>5</sub>: 63%

### **4. Recommended application methods & rates**

\* Recommended application method: row application or side dressing. Suitable for the fertilising of sugar cane.

Irrigation after application gives a quicker initial effect and improves product and plant performance.

As soil and growing conditions differ, please contact your dealer or SICO sales representative for specific product and application advice.

### **5. PACKAGING**

- 25 kg dual layer pe bag with anti-slip varnish
- pallet loading: 40 x 25 kg
- 500 kg pp big bag

### **6. STORAGE AND SAFETY**

Store in unopened original packaging in a dry place protected from frost, heat or direct sunlight. Once opened reseal tightly and keep in a dry place. Caution: Harmful if swallowed. Do not inhale. Keep out of reach of children.

Safety data sheet available upon request.