



**PRODUCT INFO  
& DATASHEET**

**SICOCOTE® SUPER-F GRAPE SUPER (5-6 M)**  
**NPK 10.05.13 + 13 CaO + 2 MgO**  
**CONTROLLED RELEASE FERTILISER (CRF) (5-6 months)**  
**COMPLETE NUTRITION PLAN FOR GRAPE VINES**

Item Code: F8

9/2017

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

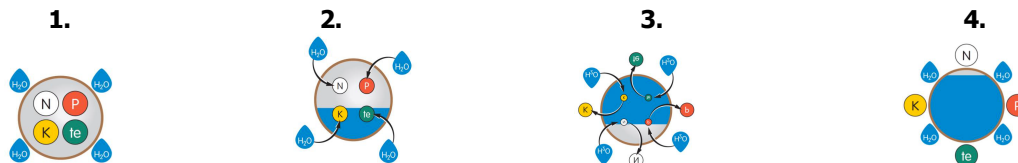
SICOCOTE® SUPER: EVERY TIME THE RIGHT SOLUTION AND CONTROL !  
 TRULY SUPERIOR Advanced Controlled Release fertiliser technology, bringing important benefits:

- **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-F GRAPE SUPER:**

SICOCOTE® SUPER-F GRAPE SUPER is an advanced base fertilizer for the nutrition of grape varieties. It is applied at the beginning of the growing season and is a continuous source of essential NPK nutrition for the period of up to 6 months while the release curve matches the crops needs. The additional Calcium and Magnesium enhance Chlorophyll production, contributing to the plant tissues' resistance and balance the soil pH-level.

**Environmentally friendly**

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

**Precise controlled nutrition**

- \* Reliable polymer coating provides continuous nutrition for up to 6 months
- \* Compound formula tuned to the requirements of grape varieties
- \* Extra Magnesium and Calcium for healthy and stress-resistant plant growth without deficiencies
- \* Predictable nutrient release not influenced by rain, irrigation, soil composition, soil pH-value or bacterial life

**Highly efficient and economical**

- \* Single application is enough for up to 6 months of uninterrupted nutrition
- \* Healthy, stress-free plant development
- \* Apply 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>F8</b>
Total Nitrogen as <b>N</b>	10 %
Nitric Nitrogen (N-NO <sub>3</sub> )	2.8 %
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	3.4 %
Ureic Nitrogen (N-NH <sub>2</sub> )	3.8 %
Phosphorus Pentoxide <b>P2O5</b>	5 %
Soluble in neutral ammonium citrate and water	
Water soluble	4.5 %
Potassium as <b>K2O</b>	13 %
Water soluble	13.0 %
Calcium as <b>CaO</b>	13 %
Magnesium as <b>MgO</b>	5 %
Sulphur Trioxide <b>SO3</b>	13 %
Water soluble	10.0 %
Chloride content <b>Cl</b>	< 1 %

### **\* Physical properties**

Average granule size: 3.2 mm  
 Colour: white/grey/ivory/brown  
 Product longevity determined in months (M) at average soil temperature as given below.

Longevity at 15° C	Longevity at 21°	Longevity at 30°
6 – 7 M	5 – 6 M	4 – 5 M

### **\* Coating specifications**

Coating material: degradable polymer coating  
 Coated N of total N: 77 %  
 Coated P<sub>2</sub>O<sub>5</sub> of total P<sub>2</sub>O<sub>5</sub>: 54 %  
 Coated K<sub>2</sub>O of total K<sub>2</sub>O: 55 %

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

\* Recommended application method: row application or mix in soil. Best results are achieved when applied correctly at the root zone.

\* Advised application period: spring. Application during the growing season, from bud break to veraison. Application during the dormant period is not recommended. Suitable for the fertilisation of wine grape varieties and table grapes.

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.