



**PRODUCT INFO  
& DATASHEET**

**SICOCOTE® SUPER-F GRAPE SUPER (3-4 M)**  
**NPK 15.06.21 + 2 MgO**  
**CONTROLLED RELEASE FERTILISER (CRF) (3-4 months)**  
**COMPLETE NUTRITION PLAN FOR GRAPE VINES**  
*Item Code: F7* 5/2017

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

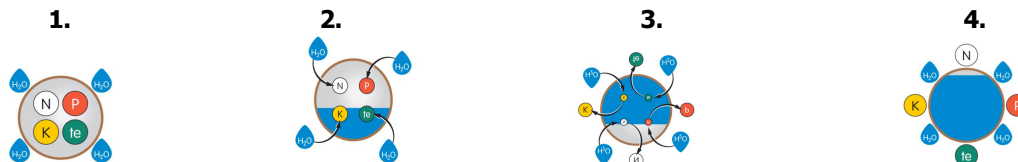
SICOCOTE® SUPER: EVERY TIME THE RIGHT SOLUTION AND CONTROL !  
 TRULY SUPERIOR Advanced Controlled Release fertiliser technology, bringing important benefits:

- **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-F GRAPE SUPER:**

SICOCOTE® SUPER-F GRAPE SUPER is a professional Controlled Release fertiliser with the complete NPK nutrition of vineyards and is released over a period of up to 4 months. The high Potassium content promotes vine vigour, berry size, and yield and thanks to its protective polymer coating it is available over the whole release period. About 1/3 of the essential Nitrogen (28%) is delivered in uncoated form which makes it directly available for plant uptake. The added Magnesium stimulates the photosynthetic activity and enhances plant's natural resistance to stress factors such as frosts, drought or diseases.

**Environmentally friendly**

- \* Organic based polymer coating that degrades naturally in time
- \* Practically no leaching or volatilisation of nutrients

**Precise controlled nutrition**

- \* High Potassium content stimulates fruit formation and ripening process
- \* Compound formula tuned to plant's nutritional needs
- \* Reliable polymer coating provides continuous nutrition of up to 4 months
- \* Extra Magnesium enhances healthy growth and high quality fruits

**Highly efficient and economical**

- \* Apply once and save cost and time
- \* **Less fertiliser necessary to achieve optimum results**

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>FZ</b>
Total Nitrogen as <b>N</b>	15 %
Nitric Nitrogen (N-NO <sub>3</sub> )	1.1 %
Ammoniacal Nitrogen (N-NH <sub>4</sub> )	3.9 %
Ureic Nitrogen (N-NH <sub>2</sub> )	10 %
Phosphorus Pentoxide <b>P2O5</b>	6 %
Soluble in neutral ammonium citrate and water	
Water soluble	5.0 %
Potassium as <b>K2O</b>	21 %
Water soluble	21.0 %
Magnesium as <b>MgO</b>	2 %
Sulphur Trioxide <b>SO3</b>	21 %
Water soluble	19.0 %
Chloride content Cl	< 1 %

### **\* Physical properties**

Average granule size: 2.8 - 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°
4 – 5 M	3 – 4 M	2 – 3 M

### **\* Coating specifications**

Coating material: degradable polymer coating  
 Coated N of total N: 72%  
 Coated P<sub>2</sub>O<sub>5</sub> of total P<sub>2</sub>O<sub>5</sub>: 32%  
 Coated K<sub>2</sub>O of total K<sub>2</sub>O<sub>5</sub>: 80%

### **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 fertilising 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.