



**PRODUCT INFO  
& DATASHEET**

**SICOCOTE® SUPER-A SUGARBEET (5-6 M)**  
**NPK 10.05.15 + 7 CaO + 3 MgO + 0.1 B**  
**CONTROLLED RELEASE FERTILISER (CRF) (5-6 months)**  
**COMPLETE ALL-IN-ONE NUTRITION PLAN FOR SUGAR BEET**

Item Code: A15

03/2018

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

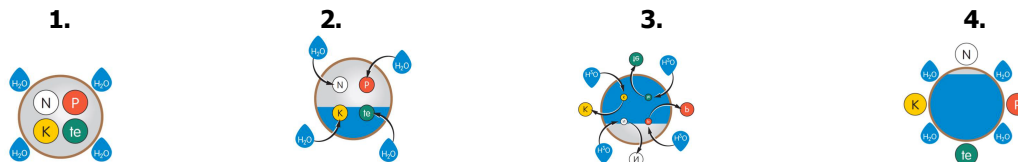
SICOCOTE® SUPER: EVERY TIME THE RIGHT SOLUTION AND CONTROL !  
 TRULY SUPERIOR Advanced Controlled Release fertiliser technology, bringing important benefits:

- **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-A SUGARBEET:**

Excellent all-in-one fertilizing solution for the optimum nutrition of sugar beet crops. SICOCOTE SUPER-A SUGARBEET is specifically formulated with the right NPK ratio and packed with essential micronutrients such as Magnesium and Boron to promote healthy plant development and root formation. Comparative test results show that SICOCOTE SUPER-A SUGARBEET is beneficial to yield results and sugar content specifically.

**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**

- \* Predictable nutrient release not influenced by rain, irrigation, soil composition, soil pH-value or bacterial life
- \* Reliable polymer coating secures uninterrupted nutrition for up to 6 months
- \* Full package of micronutrients promotes healthy and stress-resistant growth without deficiencies
- \* Improved yield results thanks to the right combination of nutrients and release curve

**Highly efficient and economical**

- \* Single application is enough for up to 5 months of uninterrupted nutrition
- \* 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>A15</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> Soluble in neutral ammonium citrate and water	5 %
Potassium as <b>K2O</b>	15 %
Water soluble	15.0 %
Calcium Oxide <b>CaO</b>	7 %
Magnesium Oxide <b>MgO</b>	3 %
Sulphur Trioxide <b>SO3</b>	19 %
Water soluble	14.0 %
Boron <b>B</b>	0.1 %
Water soluble	0.1 %
Chloride content Cl	< 1 %

### **\* Physical properties**

Average granule size: 3.2 mm  
 Colour: 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: 72 %  
 Coated K<sub>2</sub>O of total K<sub>2</sub>O: 90 %

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

- \* Recommended application method: row application or broadcasting. Best results are achieved by row application when applied correctly at the root zone. Do not use application equipment that can grind particles or damage the fertiliser coating.
- \* Advised application period: at planting/sowing. Suitable for fertilizing of sugarbeet.

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 advise.

### **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.