



**SICOCOTE® SUPER-SG (Sports & Green) BALANCE (3-4 M)**  
**NPK 25.05.08 + 2 CaO + 3 MgO + 12 SO<sub>3</sub>**  
**CONTROLLED RELEASE FERTILISER (CRF) (3-4 months)**  
**FOR COMPLETE NOURISHMENT & DE-STRESSING**  
**Item Code: SG5** 4/2017

**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-SG BALANCE:**

SICOCOTE® SUPER-SG BALANCE is a well-balanced compound formula for the nutrition of turf, sport fields and amenities and can be applied during the growing season. It offers a complete NPK nutrition which is being released at a moderate pace and lasts for the period of up to 4 months. The high N-content supplies essential feed for a healthy growth and the additional Magnesium stimulates the photosynthesis and promotes bright green colours. The added Calcium at the same time supports plant's stress-resistance and suppresses the development of moss.

**Environmentally friendly**

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

**Precise controlled nutrition**

- \* Novel polymer coating secures continuous nutrition in the middle of the season
- \* Compound formula supports turf's resistance to heat, drought and other stress conditions
- \* Rich green colours due to added Magnesium
- \* Extra Calcium reduces moss development

**Highly efficient and economical**

- \* Formulation is tuned to the plant's needs during the season
- \* Less cutting peaks due to balance growth
- \* Highly efficient prolonged source of grass nutrition
- \* Reduces the number of fertiliser applications



**PRODUCT INFO  
& DATASHEET**

**3. \* Product specifications**

ITEM CODE	SG5
Total Nitrogen as <b>N</b>	25 %
Nitric Nitrogen (N-NO3)	
Ammoniacal Nitrogen (N-NH4)	2.0 %
Ureic Nitrogen (N-NH2)	23.0 %
Phosphorus Pentoxide <b>P2O5</b>	5 %
Soluble in neutral ammonium citrate and water	
Water soluble	4.8 %
Potassium as <b>K2O</b>	8 %
Water soluble	8.0 %
Calcium Oxide <b>CaO</b>	2 %
Water soluble	
Magnesium as <b>MgO</b>	3 %
Water soluble	2.5 %
Sulphur Trioxide <b>SO3</b>	12 %
Water soluble	10.0 %
Chloride content Cl	< 1 %



**\* Physical properties**

Average granule size: 3.1 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: 75.0125301402488%  
 Coated P<sub>2</sub>O<sub>5</sub> of total P<sub>2</sub>O<sub>5</sub>: 5.18350512379804%  
 Coated K<sub>2</sub>O of total K<sub>2</sub>O<sub>5</sub>: 3.12851153238243%



**4. Recommended application methods & rates**

- \* Recommended application method: rotary or drop spreader. Approximate dosage: dosage 30 g/m<sup>2</sup>
- \* Advised application period: spring or late summer. Suitable for the fertilising of golf courses (tees and fairways) and professional sport fields, soccer & hockey fields, horse race courses & rugby pitches, public green, garden lawns etc.
- \* Apply to dry foliage. Irrigation after application aids dispersion and gives a quicker initial effect. Avoid applications during frosty or drought conditions. Applications should be made after aeration programmes such as hollow tining, slitting and/or scarification to prevent granules damage. As soil and turf 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.

No 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.