



**PRODUCT INFO
& DATASHEET**

SICOCOTE® SUPER-H VEGETABLES BALANCE (3 M)
NPK 10.10.17+ 6 CaO + 4 MgO
CONTROLLED RELEASE FERTILISER (CRF) (3 months)
BALANCED, CONTROLLED RELEASE NUTRITION

Item Code: H5

3/2018

1. General information on SICOCOTE SUPER CRF.

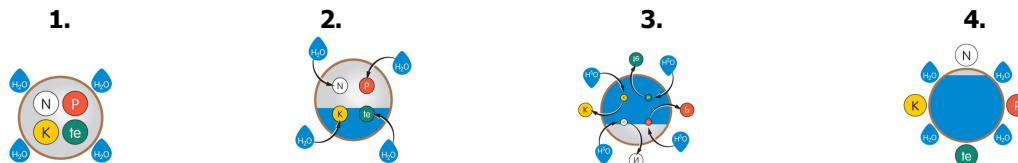
SICOCOTE® SUPER: EVERY TIME THE RIGHT SOLUTION AND CONTROL !
 TRULY SUPERIOR Advanced Controlled Release fertiliser technology, bringing important benefits:

- **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-H VEGETABLES BALANCE:

SICOCOTE® SUPER-H VEGETABLES BALANCE is a Controlled Release compound fertiliser with coated micronutrients with a longevity of up to 3 months. This well-rounded formulation offers essential base nutrition while the higher K-content makes it highly suitable for fruit bearing vegetables. Potassium improves the quality of fruits by maintaining desirable sugar to acid ratio and improving the ripening. The added Magnesium promotes photosynthetic activity and Chlorophyll formation while the extra Calcium contributes to optimum root system development and stimulates plant's natural disease resistance.

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

- * Balanced compound formula with essential micronutrients tuned to the needs of field grown vegetables
- * Reliable polymer coating secures uninterrupted nutrition for up to 3 months
- * Extra Magnesium and Calcium promote healthy and stress-resistant plants and high quality fruits
- * High Potassium content stimulates fruit formation and ripening process

Highly efficient and economical

- * Single application is enough for up to 3 months of uninterrupted nutrition
- * Less disease control needed due to healthy, stress-free plant development
- * Apply only once and gain significant savings in labour cost and time

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3. * Product specifications

ITEM CODE	H5
Total Nitrogen as N	10 %
Nitric Nitrogen (N-NO ₃)	1.6 %
Ammoniacal Nitrogen (N-NH ₄)	4.0 %
Ureic Nitrogen (N-NH ₂)	4.4 %
Phosphorus Pentoxide P2O5	10 %
Soluble in neutral ammonium citrate and water	
Water soluble	9.0 %
Potassium as K2O	17 %
Water soluble	17.0 %
Calcium Oxide CaO	6 %
Magnesium as MgO	4 %
Water soluble	1.2 %
Sulphur Trioxide SO3	17 %
Water soluble	16.0 %
Chloride content Cl	< 1 %

*** Physical properties**

Average granule size: 3.1 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°
4 M	3 M	2 M

*** Coating specifications**

Coating material: degradable polymer coating
 Coated N of total N: 100%
 Coated P₂O₅ of total P₂O₅: 100%
 Coated K₂O of total K₂O₅: 79%

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: at planting/sowing

Suitable for the universal fertilising of field grown vegetable crops.

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

As soil and farming 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.

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