



**PRODUCT INFO  
& DATASHEET**

## **SICOCOTE<sup>®</sup> (12M) SRB**

**NPK 17.8.9 + 3 MgO + TE**

**POLYMER COATED CONTROLLED-RELEASE FERTILISER (PCRF)**

*Special formula a.o. for hevea*

### **1. PRODUCT ANALYSIS**

Total Nitrogen (N)	17 %
Nitrate nitrogen (N-NO <sub>3</sub> )	3.9 %
Ammoniacal nitrogen (N-NH <sub>4</sub> )	5.9 %
Urea nitrogen (N-NH <sub>2</sub> )	7.4 %
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	8 % soluble in water and neutral ammonium citrate
	7.4 % soluble in water
Potassium Oxide (K <sub>2</sub> O)	9 % soluble in water
Magnesium Oxide (MgO)	3 % soluble in water
Sulphur (S)	1.2 % soluble in water

### **Micro Nutrients**

Iron (Fe)	0.29 %
Manganese (Mn)	0.04 %
Copper (Cu)	0.03 %
Molybdenum (Mo)	0.006 %
Zinc (Zn)	0.04 %
Boron (B)	0.02 %

Particle size 90% between 2-3.5 mm

Derived from polymer-coated NPK based on ammonium nitrate, ammonium phosphate, potassium nitrate, sulfate of potash, calcium phosphate, magnesium sulfate, sodium borate, iron sulfate, manganese sulfate, sodium molybdate and zinc sulfate.

### **2. PRODUCT DESCRIPTION & ACTIVITY**

**SICOCOTE NPK 17-8-9 + 3MgO + TE** fertiliser is based on homogenous NPK granules encapsulated in a unique polymer coating. The polymer coating controls the release, allowing measured, continuous diffusion of dissolved nutrients to the root zone. The release rate increases as the soil warms up, similar to the plant's growth rate and nutrient consumption. Other factors such as pH, microbial activity or soil moisture do not significantly affect the release rate. **SICOCOTE NPK 17-8-9 + 3MgO + TE** is programmed to release nutrients over 12 months at soil temperature of 21° C. The release rate depends on soil temperature as shown in the table.

Soil temperature	15° C	21° C
30° C		
Longevity (months)	15-16	12
7-8		

### **3. USE & RECOMMENDED APPLICATION RATES**

- \* Fertiliser for nurseries, recommended for container-grown and soil-grown stock.
- \* Hevea Brasiliensis nursery stock:

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.

**SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium**  
**Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be**

**SICO FERTILISERS**  
 EVERY TIME THE RIGHT SOLUTION



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- **Grown in 25kg polybags:** 3-5 gram **SICOCOTE 17-8-9+ 3MgO +TE** mixed in per liter potting compost before planning.  
Preferably 20 gram P<sub>2</sub>O<sub>5</sub> should be incorporated in the potting compost as well, in form of granular phosphate fertiliser, planting.
- **Grown in the field:** 3-5 gram per plant applied as top dressing. After second whorl has hardened, plants should be transplanted.
- **Immature trees:** (< 7 years, 500 trees/ha): apply per year/ha 30kg N + 40kg P<sub>2</sub>O<sub>5</sub> +30kg K<sub>2</sub>O+10kg MgO as liquid feed (eg. SICOGREEN water soluble NPK 12.36.12 + 2MgO + TE or other), granular fertiliser (eg. SICOFERT NPK 12.12.17 + 2MgO etc.) or combination of both. Part of it (+/- 350 g/tree ) can be applied with **SICOCOTE 17-8-9+ 3MgO +TE** as top dressing or in several holes drilled in the soil at 50cm from the base of the trunk. Nutrients given this way should be deducted from the above-mentioned yearly quantities.
- **Mature trees:** (> 7 years, 500 trees/ha): +/- 350 g/tree **SICOCOTE 17-8-9+ 3MgO +TE** as top dressing or in several holes drilled in the soil at 50cm from the base of the trunk of the tree.

The above-mentioned rates are only general guidelines. The producer cannot be held liable for any problem following the use of the product since it cannot be controlled as such. Trial before change: before a new rate, product or application method is used a small trial is recommended.

#### **4. PACKING**

25 kg pp + pe bag on pallets of 1200 kgs, 1000 kg big bag