



**PRODUCT INFO  
& DATASHEET**

SICOCOTE®: EVERY TIME THE RIGHT SOLUTION & CONTROL

**SICOCOTE® SUPER -O (Ornamentals)**  
*Advanced controlled release solutions for Ornamentals at affordable prices.*

27/4/2017

Benefit from our large portfolio of technologically advanced but affordable controlled release fertilisers for Ornamentals. Our novel polymer coating guarantees a highly reliable, safe and even supply of important compound nutrients –essential trace elements are integrated in the NPK granule–resulting into an even nutrient supply promoting uniform and optimal plant development.

PRODUCT SPECIFICATIONS	Sicocote Super -O Balance (3 M) 14.14.14	Sicocote Super -O High N (6 M) 20.13.10+3MgO	Sicocote Super -O High N (8-10 M) 14.11.13+2MgO+TE	Sicocote Super -O High N (11-12 M) 14.10.13+2MgO+TE	Sicocote Super -O OD (4-5 M) 19.10.10+2MgO	Sicocote Super -O OD (5-6 M) 21.06.11+3MgO
	universal		field grown / container		field grown	
ITEM CODE	O1	O2	O3	O4	O5	O6
Total Nitrogen as <b>N</b>	14 %	20 %	14 %	14 %	19 %	21 %
Nitric Nitrogen (N-NO3)	3.8 %	1.0 %	5.0 %	5.0 %	2.7 %	1.6 %
Ammoniacal Nitrogen (N-NH4)	10.2 %	6.0 %	9.0 %	9.0 %	7.4 %	4.3 %
Ureic Nitrogen (N-NH2)		13.0 %			8.9 %	15.1 %
Phosphorus Pentoxide <b>P2O5</b>	14 %	13 %	11 %	10 %	10 %	6 %
Water soluble	12.0 %	11.0 %	9.8 %	8.8 %	9.0 %	5.9 %
Potassium as <b>K2O</b>	14 %	10 %	13 %	13 %	10 %	11 %
Water soluble	14.0 %	10.0 %	13.0 %	13.0 %	10.0 %	11.0 %
Magnesium as <b>MgO</b>		3 %	2 %	2 %	2 %	3 %
Water soluble		1.0 %	0.8 %	0.8 %		1.5 %
Sulphur Trioxide <b>SO3</b>	17 %	13 %	15 %	15 %	14 %	15 %
Water soluble	11.0 %	12.0 %	15.0 %	15.0 %	10.0 %	12.0 %
Boron Water soluble <b>B</b>			0.03 %	0.03 %		
Copper <b>Cu</b>			0.016 %	0.016 %		
Iron total <b>Fe</b>			0.39 %	0.39 %		
Water soluble			0.39 %	0.39 %		
Chelated by EDTA			0.19 %	0.19 %		
Manganese <b>Mn</b>			0.08 %	0.08 %		
Water soluble			0.08 %	0.08 %		
Molybdenum Water soluble <b>Mo</b>			0.025 %	0.025 %		
Zinc <b>Zn</b>			0.05 %	0.05 %		
Chloride content Cl	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %

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





**PRODUCT INFO  
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PRODUCT DESCRIPTION						
Coated N (of total N)	100 %	100 %	96 %	96 %	100 %	88 %
Coated P2O5 (of total P2O5)	100 %	100 %	78 %	78 %	100 %	60 %
Coated K2O (as total of K2O)	100 %	83 %	100 %	100 %	100 %	78 %
Longevity in months (M) at 15 °C	4	7	10-13	12-13	4-5	6-7
Longevity in months (M) at 21 °C	3	6	8-10	11-12	4-5	5-6
Longevity in months (M) at 30 °C	2	5	6-8	7-8	3-4	4-5

\*These are indicative application rates. The specific application rate might differ due to specific environmental and soil conditions.

PRODUCT SPECIFICATIONS	Sicocote Super -O TOP (3 M) 15.09.15+2MgO +TE	Sicocote Super -O TOP (6 M) 15.09.14+2MgO +TE	Sicocote Super -O TOP (9 M) 15.08.14+2MgO +TE	Sicocote Super -O TOP (12 M) 14.09.14+2MgO +TE	Sicocote Super -O TOP Low P (5-6 M) 20.00.14+2MgO +TE	Sicocote Super -O TOP Start (6 M) 16.09.13+2MgO +TE	Sicocote Super -O TOP High K (6 M) 13.07.19+2MgO +TE	Sicocote Super -O TOP High K (9 M) 12.07.18+ 2MgO+TE
	container nursery stock and pot plants							
ITEM CODE	O7	O8	O9	O10	O11	O12	O13	O14
Total Nitrogen as <b>N</b>	15 %	15 %	15 %	14 %	20 %	16 %	13 %	12 %
Nitric Nitrogen (N-NO3)	6.6 %	6.6 %	6.6 %	6.2 %	3.8 %	7.0 %	6.0 %	5.5 %
Ammoniacal Nitrogen (N-NH4)	8.4 %	8.4 %	8.4 %	7.8 %	4.5 %	9.0 %	7.0 %	6.5 %
Ureic Nitrogen (N-NH2)					11.7 %			
Phosphorus Pentoxide <b>P2O5</b>	9 %	9 %	8 %	9 %		9 %	7 %	7 %
Water soluble	7.4 %	7.3 %	7.2 %	7.1 %		7.2 %	5.9 %	5.9 %
Potassium as <b>K2O</b>	15 %	14 %	14 %	14 %	14 %	13 %	19 %	18 %
Water soluble	15.0 %	14.0 %	14.0 %	14.0 %	14.0 %	13.0 %	19.0 %	18.0 %
Magnesium as <b>MgO</b>	2 %	2 %	2 %	2 %	2 %	2 %	2 %	2 %
Water soluble	0.5 %	0.5 %	0.5 %	0.5 %	1.2 %	0.5 %	1.5 %	1.5 %
Sulphur Trioxide <b>SO3</b>	15 %	15 %	14 %	14 %	15 %	13 %	16 %	9.0 %
Water soluble	14.0 %	14.0 %	14.0 %	14.0 %	14.0 %	13.0 %	15.0 %	8.0 %
Boron Water soluble <b>B</b>	0.03 %	0.02 %	0.02 %	0.02 %	0.01 %	0.05 %	0.02 %	0.02 %
Copper <b>Cu</b>	0.016 %	0.016 %	0.016 %	0.016 %	0.008 %	0.017 %	0.016 %	0.016 %
Iron total <b>Fe</b>	0.39 %	0.39 %	0.37 %	0.37 %	0.20 %	0.38 %	0.35 %	0.35 %
Water soluble	0.39 %	0.39 %	0.37 %	0.37 %	0.20 %	0.38 %	0.35 %	0.35 %
Chelated by EDTA	0.19 %	0.19 %	0.18 %	0.18 %	0.10 %	0.18 %	0.18 %	0.18 %
Manganese <b>Mn</b>	0.09 %	0.09 %	0.09 %	0.09 %	0.04 %	0.08 %	0.08 %	0.08 %
Water soluble	0.09 %	0.09 %	0.09 %	0.09 %	0.04 %	0.08 %	0.08 %	0.08 %
Molybdenum Water soluble <b>Mo</b>	0.028 %	0.027 %	0.027 %	0.027 %	0.012 %	0.020 %	0.020 %	0.020 %
Zinc <b>Zn</b>	0.050 %	0.050 %	0.050 %	0.050 %	0.025 %	0.050 %	0.045 %	0.045 %
Chloride content <b>Cl</b>	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %

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**SICO FERTILISERS**  
EVERY TIME THE RIGHT SOLUTION



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& DATASHEET**

<b>PRODUCT DESCRIPTION</b>									
Coated N (of total N)	100 %	100 %	100 %	100 %	100 %	88 %	100 %	100 %	100 %
Coated P2O5 (of total P2O5)	100 %	100 %	100 %	100 %	100 %	90 %	100 %	100 %	100 %
Coated K2O (as total of K2O)	100 %	100 %	100 %	100 %	100 %	93 %	100 %	100 %	100 %
Longevity in months (M) at 15 °C	4	7	11	13	6-7	7	7	11	11
Longevity in months (M) at 21 °C	3	6	9	12	5-6	6	6	9	9
Longevity in months (M) at 30 °C	2	5	6	8	4-5	5	5	6	6

\*These are indicative application rates. The specific application rate might differ due to specific environmental and soil conditions.

**\* SICOCOTE SUPER – O (ORNAMENTALS) RANGE : Container nursery and pot plants**

SICOCOTE SUPER –O TOP range offers a reliable and complete solution for container nursery and pot plants. Being a 100% coated complete NPK formulation, packed with essential micronutrients and trace elements, SICOCOTE SUPER -O performs in a reliable and predictable way without compromise. So that growers can benefit from well developed, healthy plants with optimal market value.

**General application method :** Mix in substrate. Indicative dosage is available upon request from your SICO representative.

**\* SICOCOTE SUPER – O (ORNAMENTALS) RANGE : Open field tree and shrub nurseries**

Boost results and maximise return on investment with SICOCOTE SUPER Ornamentals Field Grown and Special ranges which offer the unique combination of advanced controlled nutrition at affordable prices. Ideal for base dressing, SICOCOTE SUPER has different formulations tuned to the nutritional needs of specific plant varieties.

**General application method :** Row application or mix in medium. Indicative dosage is available upon request from your SICO representative.

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.

**Highly efficient and economical**

- Apply only once and gain significant savings on labour cost and time
- Formulation is tuned to the nutritional needs of either container stock, pot plants or field grown varieties

**Environmentally friendly**

- Practically no leaching or volatilisation of nutrients
- Organic based coating degrades naturally in time
- Healthy, stress-free plant development

**Precise, controlled nutrition**

- Reliable polymer coating secures uninterrupted nutrition for up to 12 months
- Uniform and well-balanced plant development due to predictable release curve
- All trace elements are integrated in the NPK granule to ensure even nutrient supply
- High quality 100% coating protects root systems from scorching

**PACKAGING :** 25 kg dual layer pe bag with anti-slip varnish (pallet loading: 40 x 25 kg) or 500 kg pp big bag

**APPLICATION :** Apply to dry foliage. Irrigation after application aids dispersion and gives a quicker initial effect. Avoid application during frosty or drought conditions. Application should be made after aeration programmes such as hollow tining, slitting or scarification to prevent granules damage. Use rotary or drop spreader.

**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. Safety data sheet available upon request.

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