



**PRODUCT INFO
& DATASHEET**

SICOCOTE®: EVERY TIME THE RIGHT SOLUTION & CONTROL

SICOCOTE® SUPER -A (Agriculture)

Highly efficient, economical and eco-friendly fertilisation of agricultural crops.

27/4/2017

- Solely dependent on soil temperature and not on factors as soil pH value or bacterial life.
- Advanced polymer coating technology -> healthy, stress-free crop growth.
- Economical as less fertiliser and single application for the whole growing season.
- Extended longevity up to 6 months.
- Predictable release curve.

PRODUCT SPECIFICATIONS for universal base application (A1 + A3 + A4 + A5) or for rice (A2)	Sicocote Super -A Coated N (3 M)* 43.00.00	Sicocote Super -A Standard/Rice (4-5 M) 16.08.14	Sicocote Super -A High N (2-3 M) 26.05.11+3MgO	Sicocote Super -A High P (2-3 M) 16.25.10+2CaO	Sicocote Super -A Hgh K (2-3 M) 15.00.25+3CaO
ITEM CODE	A1	A2	A3	A4	A5
Total Nitrogen as N	43 %	16 %	26 %	16 %	15 %
Nitric Nitrogen (N-NO3)		7.0 %			
Ammoniacal Nitrogen (N-NH4)		9.0 %	2.0 %	5.0 %	0.4 %
Ureic Nitrogen (N-NH2)	43.0 %		24.0 %	11.0 %	14.6 %
Phosphorus Pentoxide P2O5		8 %	5 %	25 %	
Water soluble		8.0 %	5.0 %	24.9 %	
Potassium as K2O		14 %	11 %	10 %	25 %
Water soluble		14.0 %	11.0 %	10.0 %	25.0 %
Calcium Oxide CaO				2 %	3 %
Water soluble					
Magnesium as MgO			3 %		
Water soluble			1.4 %		
Sulphur Trioxide SO3		12 %	12 %	10 %	20 %
Water soluble		11.0 %	11.0 %	9.0 %	18.0 %
Chloride content Cl	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %
Coated N (of total N)	100 %	75 %	51 %	68 %	65 %
Coated P2O5 (of total P2O5)		75 %	5 %	5 %	
Coated K2O (as total of K2O)		86 %	5 %	5 %	5 %
Longevity in months (M) at 15 °C	4	5-6	3-4	3-4	3-4
Longevity in months (M) at 21 °C*	3	4-5	2-3	2-3	2-3
Longevity in months (M) at 30 °C	2	3-4	2	2	2

PRODUCT SPECIFICATIONS for universal base application	Sicocote Super -A Agro (2-3 M) 18.00.18+5CaO+ Fe+B	Sicocote Super -A Agro (4-5 M) 16.08.16+5CaO+ Fe+B	Sicocote Super -A Agro (2-3 M) 15.05.25+3CaO +Fe	Sicocote Super -A Agro (2-3 M) 16.25.10+2CaO +Fe+B	Sicocote Super -A Agro (3-4 M) 14.05.13+9CaO +2MgO+B
ITEM CODE	A6	A7	A8	A9	A10
Total Nitrogen as N	18 %	16 %	15 %	16 %	14 %
Nitric Nitrogen (N-NO3)					
Ammoniacal Nitrogen (N-NH4)		0.8 %	2.0 %	5.8 %	
Ureic Nitrogen (N-NH2)	18.0 %	15.2 %	13.0 %	10.2 %	14.0 %
Phosphorus Pentoxide P2O5		8 %	5 %	25 %	5 %
Water soluble		7.8 %	5.0 %	25.0 %	4.7 %
Potassium as K2O	18 %	16 %	25 %	10 %	13 %
Water soluble	18.0 %	16.0 %	25.0 %	10.0 %	13.0 %
Calcium Oxide CaO	5 %	5 %	3 %	2 %	9 %
Water soluble	1.3 %	1.3 %			
Magnesium as MgO					2 %
Water soluble					0.9 %
Sulphur Trioxide SO3	20 %	19 %	21 %	11 %	19 %
Water soluble	15.0 %	13.0 %	20.0 %	8.0 %	13.0 %
Boron water soluble B	0.10 %	0.10 %		0.03 %	0.14 %
Iron Fe	0.02 %	0.01 %	0.02 %	0.01 %	0.01 %
Water soluble	0.02 %	0.01 %	0.02 %	0.01 %	0.01 %
Chloride content Cl	< 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.

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SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION



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Coated N (of total N)	50 %	80 %	52 %	50 %	46 %
Coated P2O5 (of total P2O5)					
Coated K2O (as total of K2O)					65 %
Longevity in months (M) at 15 °C	3-4	5-6	3-4	3-4	4-5
Longevity in months (M) at 21 °C*	2-3	4-5	2-3	2-3	3-4
Longevity in months (M) at 30 °C	2	3-4	2	2	2-3

PRODUCT SPECIFICATIONS for universal base application (A11 + A12) or for maize (A13 + A14) or for sugar beet (A15)	Sicocote Super -A Agro (2-3 M) 16.10.16+5CaO +Fe+B	Sicocote Super -A Coated K (3 M) 00.00.43	Sicocote Super - A Maize High N (4-5 M) 20.06.05+7CaO +3MgO+B	Sicocote Super -A Maize (5-6 M) 14.06.15+8CaO +2MgO+B	Sicocote Super -A Sugarbeet (5-6 M) 10.05.15+8CaO+ 3MgO+0.11B
ITEM CODE	A11	A12	A13	A14	A15
Total Nitrogen as N	16 %		20 %	14 %	10 %
Nitric Nitrogen (N-NO3)				1.0 %	1.2 %
Ammoniacal Nitrogen (N-NH4)	1.3 %			2.9 %	1.5 %
Ureic Nitrogen (N-NH2)	14.7 %		20.0 %	10.1 %	7.3 %
Phosphorus Pentoxide P2O5	10 %		6 %	6 %	5 %
Water soluble	9.8 %		5.6 %	6.0 %	4.9 %
Potassium as K2O	16 %	43 %	5 %	15 %	15 %
Water soluble	16.0 %	43.0 %	5.0 %	15.0 %	15.0 %
Calcium Oxide CaO	5 %		7 %	8 %	8 %
Water soluble	1.3 %		2.2 %		
Magnesium as MgO			3 %	2 %	3 %
Water soluble					0.6 %
Sulphur Trioxide SO3	19 %		15 %	17 %	19 %
Water soluble	13.0 %		8.0 %	13.0 %	14.0 %
Boron water soluble B	0.10 %		0.16 %	0.07 %	0.11 %
Iron Fe	0.01 %				
Water soluble	0.01 %				
Chloride content Cl	< 1 %	< 1 %	< 1 %	< 1 %	< 1 %
Coated N (of total N)	50 %		76 %	72 %	72 %
Coated P2O5 (of total P2O5)			0 %	39 %	68 %
Coated K2O (as total of K2O)		100 %	100 %	74 %	93 %
Longevity in months (M) at 15 °C	3-4	4	5-6	6-7	6-7
Longevity in months (M) at 21 °C*	2-3	3	4-5	5-6	5-6
Longevity in months (M) at 30 °C	2	2	3-4	4-5	4-5

Highly efficient and economical

- Apply only once and save cost and time
- Improved yield results thanks to the right combination of nutrients and release curve
- Reduce transportation and warehousing costs

Environmentally friendly

- Practically no leaching or volatilisation of nutrients
- Organic based polymer coating degrades naturally in time
- Less fertiliser necessary to achieve optimum results
- Safe to soil microorganisms

Precise, controlled nutrition

- Reliable polymer coating secures uninterrupted nutrition for up to 6 months
- Uniform, well-balanced and stress-free crop development due to predictable release
- Full package of nutrients promote healthy and stress-resistant growth without deficiencies
- Nutrient release not influenced by rain, irrigation, soil composition, soil pH-value or bacterial life

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

APPLICATION : Best results are achieved when applied correctly at the root zone. As climate, crop and growing conditions differ, please contact your agronomist of us for specific product and application advice.

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.

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