



**PRODUCT INFO
& DATASHEET**

SICALMIX

Sico Specialty Calcium Mixes

25/06/2018

<u>PRODUCT NAME:</u>	SICALMIX nr. 1 (soluble powder) <u>with</u> cations Cu, Fe, Mn, Zn	SICALMIX nr. 1B (soluble powder) <u>without</u> cations Cu, Fe, Mn, Zn	SICALMIX nr. 3 FOLIAR (soluble powder)
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PHYSICAL DATA

Appearance	crystalline powder	crystalline powder	brown powder
Odour	distinctive – caramel like	distinctive – caramel like	distinctive
Solubility in water	100 %	100 %	100 %
Bulk density	1000-1150 g/litre	1000-1150 g/litre	1000 g/litre approx
pH 1:100 w/v	t.b.a.	t.b.a.	5-6

CHEMICAL DATA

Phosphorus (P2O5)	/	/	7.5%
Potassium (K2O)	/	/	10.0%
Magnesium Oxide (MgO)	2.0%(1.20% Mg)	2.0% (1.20% Mg)	2.0%
Calcium Oxide (CaO)	20.0% (14.2% Ca)	20.0% (14.2% Ca)	20.0% (14.3% Ca)
Boron (B)	1.0%	1.0%	1.0%
Copper (Cu)	0.5%	/	/
Iron (Fe)	1.5%	/	/
Manganese (Mn)	1.0%	/	/
Zinc (Zn)	1.5%	/	/
Molybdenum (Mo)	0.05%	0.05%	0.05%
Humified products / Humic acid	2.5%	2.5%	2.5%
Chelating agents	Ethylenediaminetetra acetate, LPCA & CAC	Ethylenediaminetetra acetate, LPCA & CAC	LPCA, citric acid & Na4EDTA: 20.0%

<u>PRODUCT NAME:</u>	SICALMIX nr. 2 FOLIAR (liquid)	SICALMIX nr. 4 FOLIAR (liquid)	SICALMIX nr. 5 FOLIAR (liquid)
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PHYSICAL DATA

Appearance	brown liquid	brown liquid	brown liquid
Odour	distinctive	distinctive	distinctive
Solubility in water	100 %	100 %	100 %
Bulk density	1170-1220 g/litre	1280-1320 g/litre	1400 g/litre
pH 1:100 w/v	5-6	t.b.a.	5-6

CHEMICAL DATA

Calcium Oxide (CaO)	12.0% (8.6% Ca) w/v	14.0% (10% Ca) w/v (140 g/ltr)	19.6% (14.0% Ca) w/v (196 g/ltr (140g/ltr)
Nitrogen (N)	/	/	11.4 % (114 g/ltr)
Boron (B)	0.5% w/v	/	/
Zinc (Zn)	0.5% w/v	/	/
Molybdenum (Mo)	0.05% w/v	/	/
Humified products / Humic acid	1.25% w/v	2.0% w/v	3.5% w/v (35 g/ltr)
LPCA	1.0% w/v	1.0% w/v	/
Humectant	/	/	< 5.0 %

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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