



**PRODUCT INFO  
& DATASHEET**

## **SICOGREEN®-S TOPMICRO**

*Suspension N-K-Mg Foliar Fertiliser*

**7-0-15 + 4MgO + 0.4B + 0.7Cu + 1.5Fe + 2.2 Mn + 1.5Zn**

*SICO's highly concentrated micronutrient suspension for intensive crops*

### **1. PRODUCT DESCRIPTION**

**SICOGREEN®-S TOPMICRO** is a highly concentrated micronutrient fertiliser for the targeted nutrition of intensive crops via the leaf. The nutrients are readily available to the plants. Hence **SICOGREEN®-S TOPMICRO** is suitable for directly correcting acute micronutrient deficiency and for preventing the occurrence of latent deficiencies. As the nutrient ratio is suited to the physiological requirements of intensive crops, the plants will be supplied with nutrients as required.

### **2. NUTRIENT CONTENTS**

<b>Macronutrients</b>		<b>% w/v</b>	<b>% w/w</b>
N	(nitrogen)	7.8	5
K20	(potassium)	15	10
MgO	(magnesium)	4.7	3
S	(sulphur)	8.1	5.2

<b>Micronutrients</b>		<b>g/l</b>	<b>% w/w</b>
B	(boron)	4.71	0.3
Cu*	(copper)	7.85	0.5
Fe*	(iron)	15.7	1.0
Mn*	(manganese)	23.6	1.5
Mo	(molybdenum)	0.157	0.01
Zn*	(zinc)	15.7	1.0

\* Fully chelated micronutrients EDTA.

### **3. PHYSICOCHEMICAL PROPERTIES**

Appearance:	crystalline suspension
Density:	approx. 1.57 g/cm <sup>3</sup>
Ph-value:	approx. 6.4
Colour:	dark-green

### **4. BIOLOGICAL/TECHNICAL PROPERTIES & ADVANTAGES**

- \* Safe application, independent of the weather conditions.
- \* Superchelation improves the water quality of the spray solution.
- \* Contains nitrogen, potassium and magnesium as an additional nutrient source to avoid an unbalanced micronutrient supply.
- \* Can be applied with all usual HV and LV spraying and sprinkling equipment.
- \* Compatible with most commonly used pesticides.
- \* Highly concentrated micronutrient content.
- \* Nutrients readily available to plants.
- \* High crop safety.
- \* Fully chelated cationic micronutrients.

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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EVERY TIME THE RIGHT SOLUTION



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## **5. RATES AND METHODS OF USE**

* Crop	No. of applications	Timing	Rates of use (l/ha)
<b>Fruit trees</b> <sup>1</sup>	2 – 3 *	* periods of drought in early summer	1 l/ha
	4 – 5 *	* mid summer	1 l/ha
	2 – 3 *	* post-harvest period	0.5 l/ha
<b>Viticulture</b>	2 – 3	fruit setting until beginning maturity	1 l/ha
<b>Vegetables</b>	3 – 4 *	during periods of rapid growth	2 l/ha
<b>Cereals</b>	1 – 2	1st treatment stem elongation 2nd treatment at ear emergence	2 l/ha
<b>Oilseed rape</b>	1 – 2	Pre-blossom period	2 l/ha
<b>Cotton</b>	2	1st application 2 – 3 weeks before flowering 2nd application 2 weeks after flowering	3 l/ha
<b>Citrus</b>	2	* 1. application before flowering * 2. application 2 weeks after flowering	3 l/ha
<b>Melons</b>	3 – 4	during crop development	2 l/ha
<b>Sugar beets</b>	2	between 4-leaf stage and before crop-cover	2 l/ha
<b>Potatoes</b>	1 – 2	post-blossom period	1 l/ha
<b>Maize</b>	1 – 2	2 – 6 leaf stage	1 l/ha
<b>Nurseries</b>	1 – 2	upon demand	1 l/ha

\* The product should be applied in minimum intervals of 8–10 days.

<sup>1</sup> Due to possible sensitivities of single varieties – e.g. plums – please test the variety's sensitivity before application.

## **6. PACKAGING**

10 l / 25 l / 100 l

## **7. PRECAUTIONS**

When storing **SICOGREEN®-S TOPMICRO**, temperatures below -0°C (32°F) and above +30°C (86°F) and frequent temperature variations should be avoided, as considerable changes in temperature and/or too low temperatures (and long-term storage) can cause crystallization. The crystals will however easily dissolve again in the spray solution. Prolonged storage may also cause colour change and a reversible phase separation. Neither crystallization nor colour change will in any way affect the product quality as regards the desired physiological effect. When mixing with pesticides for the first time, test on a small scale before general use.

The recommendations given here are of a general nature only. Please consult the special instructions for use before applying the product.