



**PRODUCT INFO  
& DATASHEET**

## **SICOGREEN<sup>®</sup>-S POLYCHEL**

**Suspension N-K-Mg Foliar Fertiliser**

**15-0-15 + 4MgO + 0.7Cu + 0.7Fe + 1.5Mn + 0.7Zn (w/v)**

*SICO's special suspension for optimizing the micronutrient supply to all crops*

### **1. PRODUCT DESCRIPTION**

**SICOGREEN<sup>®</sup>-S POLYCHEL** is a special formulation in the form of a suspension with a very high content of chelated micronutrients and magnesium. It also contains nitrogen and potassium for an accelerated nutrient uptake, and for optimal regulation of the water equilibrium of the plant. This micronutrient-enhanced ratio ensures that plants are completely and adequately supplied with nutrients. Other additives permit easy handling and application of this micronutrient fertiliser without compromising crop safety.

### **2. NUTRIENT CONTENTS**

<b>Macronutrients</b>		<b>% w/v</b>	<b>% w/w</b>
N	(nitrogen)	15	10
K <sub>2</sub> O	(potassium)	15	10
MgO	(magnesium)	4.5	3
S	(sulphur)	4.5	3
<b>Micronutrients</b>		<b>g/l</b>	<b>% w/w</b>
B	(boron)	0.3	0.02
Cu*	(copper)	7.5	0.5
Fe*	(iron)	7.5	0.5
Mn*	(manganese)	15	1.0
Mo	(molybdenum)	0.015	0.001
Zn*	(zinc)	7.5	0.5

\* Fully chelated micronutrients EDTA

### **3. PHYSICOCHEMICAL PROPERTIES**

Appearance:	crystalline suspension
Density:	approx. 1.5 g/cm <sup>3</sup>
pH-value:	approx. 7.0
Colour:	greenish brown

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

- \* Contains a ratio of micronutrients specifically designed to meet the requirements of the plant.
- \* High crop safety.
- \* Readily available to plants due to the added nitrogen.
- \* Plant stabilization because of the high potassium content.
- \* Magnesium stimulates the photosynthesis process.
- \* Fully chelated cationic micronutrients.
- \* Safe application independent of the weather conditions.
- \* Superchelation improves the quality of the spray solution.
- \* Bridging of micronutrient deficiency situations.
- \* Can be applied with all usual HV and LV spraying and sprinkling equipment.
- \* Compatible with most commonly used pesticides.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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

<b>Crop</b>	<b>Rate</b>	<b>Number and timing of applications</b>
Cotton	3-4 l/ha	* 1st application 2-3 weeks before flowering * 2nd application during boll formation
Citrus	2-3 l/ha	* 1st application before blossom * 2 x during the post-blossom period
Cereals	1-2.5 l/ha	* 1st application during stem elongation * 2nd application at ear emergence
Beans Soybeans	2-3 l/ha	* 1st application before flowering * 2nd application 2 weeks later
Sugar cane	3-4 l/ha	4 x during tillering and elongation stage
Sunflower	2-3 l/ha	* 1st application 3-4 weeks after sowing * 2nd application 1 week before flowering
Sugar beets	2-3 l/ha	2 x between 4-leaf stage and crop cover
Potatoes	2-3 l/ha	2 x after flowering
Oilseed rape	2-3 l/ha	2 x between rosette stage and flowering
Melons	1-2 l/ha	4 x in the course of crop development
Vegetables	2-3 l/ha	3 x during the vegetation period
Alfalfa	1-2 l/ha	1st application 10 days after each cut
Fruit trees	0.5-1 l/ha	5 – 8 applications during periods of drought in early summer and the post-harvest period

### **6. PACKAGING**

10 l / 25 l / 100 l

### **7. PRECAUTIONS**

When storing **SICOGREEN®-S POLYCHEL**, temperatures below +5°C (41°F) and above +30°C (86°F) and frequent temperatures 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.

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