



**PRODUCT INFO  
& DATASHEET**

## **SICOGREEN<sup>®</sup>-S SUPER B**

**Suspension N-K-Mg Foliar Fertiliser 30-0-22 + 3MgO + 1.5B + CTE  
(w/v)**

*SICO's suspension fertiliser to boost plant growth on soils rich in phosphate  
and to prevent boron deficiency*

### **1. PRODUCT DESCRIPTION**

**SICOGREEN<sup>®</sup>-S SUPER B** is a highly concentrated foliar fertiliser for soils with an adequate phosphate supply. It is particularly suited to crops with a high demand for boron.

The magnesium contained in **SICOGREEN<sup>®</sup>-S SUPER B** and the chelated micronutrients prevent further nutrient deficiencies, thereby stabilizing and promoting the regular growth of plants. The balanced combination of nitrogen and potassium promotes an accelerated nutrient uptake and has a stabilizing effect on the plants health.

### **2. NUTRIENT CONTENTS**

<b>Macronutrients</b>	<b>% w/v</b>	<b>% w/w</b>
Total N (nitrogen)	30	20
Nitrate N	4.7	3.1
Ammoniacal N	2.5	1.7
Carbamide N	22.8	15.2
K <sub>2</sub> O (potassium)	22.5	15
MgO (magnesium)	3	2
<b>Micronutrients</b>	<b>g/l</b>	<b>% w/w</b>
B (boron)	15	1
Cu* (copper)	0.75	0.05
Fe* (iron)	1.50	0.1
Mn* (manganese)	0.75	0.05
Mo (molybdenum)	0.015	0.001
Zn* (zinc)	0.75	0.05

\* Fully chelated micronutrients EDTA

### **3. PHYSICOCHEMICAL PROPERTIES**

Appearance: crystalline suspension  
 Density: approx. 1.5 g/cm<sup>3</sup>  
 pH: approx. 6.5  
 Colour: green

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

- \* High boron content for preventing and eliminating B deficiency.
- \* High nitrogen and potassium contents as a supplement to soil fertilisation.
- \* Contains Mg to prevent magnesium deficiency.
- \* Balanced nutrient ratio for soils rich in phosphate.
- \* Balanced micronutrient supply.
- \* Fully chelated cationic micronutrients.
- \* Superchelation improves the quality of the spray solution.
- \* Excellent crop safety.
- \* Nutrients readily available to plants.
- \* 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>
Sugar beets	5 l/ha	3 x between 4-leaf stage and crop cover
Potatoes	4-5 l/ha	1st application 14 days before flowering 2nd application at the beginning of flowering 3rd application 14 days after flowering
Maize	5 l/ha	3 x between 3-leaf stage and pre-blossom stage
Grapes	5 l/ha	1st application when starting the Peronospora sprays 5 x every 10-14 days with pesticide sprays
Apples	3-5 l/ha	In addition to each pesticide spray between pink bud stage and petal fall. Then use regularly 7-10 times 3-5 l/ha <b>SICOGREEN®-S SUPER CALCIUM</b> .
Vegetables	2-4 l/ha	4 x during the vegetation
Oilseed rape	3-6 l/ha	2 x between stem elongation and flowering
Sunflowers	3-5 l/ha	3 x between 1-leaf stage and flower buds visible
Cotton	3-5 l/ha	3 x between 6-leaf stage and flowering
Strawberries	0.3-0.5%	3 x between the beginning of vegetation and end of flowering

## **6. PACKAGING**

10 l / 100 l

## **7. PRECAUTIONS**

When storing **SICOGREEN®-S SUPER B**, temperatures below -5°C (23°F) and above +40°C (104°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 when the temperature rises and will quickly dissolve 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 effect 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.