



**PRODUCT INFO
& DATASHEET**

SICOGREEN[®]-S SUPER Mg

Suspension N-K-Mg Foliar Fertiliser 30-0-22 + 6MgO +CTE (w/v)

SICO's suspension fertiliser to boost plant growth on soils rich in phosphate and to correct magnesium deficiencies

1. PRODUCT DESCRIPTION

SICOGREEN[®]-S SUPER Mg is a highly concentrated N-K-Mg foliar fertiliser for the supplementary nutrition of plants growing on soils with adequate or excessive phosphate supply. The N-K-Mg nutrient combination is suited to such conditions.

Together with the micronutrients it is suitable to prevent and eliminate deficiencies.

This nutrient combination is well suited to counteract the widespread occurrence of magnesium deficiency.

The presence of nitrogen and potassium promote an accelerated nutrient uptake and has a stabilizing effect on plant health.

2. NUTRIENT CONTENTS

Macronutrients	% w/v	% w/w
Total N (nitrogen)	30	20
Nitrate N	6.4	4.3
Carbimide N	22.8	15.2
K ₂ O (potassium)	22.5	15
MgO (magnesium)	6	4

Micronutrients	g/l	% w/w
B (boron)	0.30	0.02
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 micronutrient EDTA.

3. PHYSICOCHEMICAL PROPERTIES

Appearance: crystalline suspension
 Density: approx. 1.5 g/cm³
 pH-value: approx. 5.5 - 6.2
 Colour: green

4. BIOLOGICAL/TECHNICAL PROPERTIES & ADVANTAGES

- * High magnesium content for correcting magnesium deficiencies.
- * High nitrogen and potassium contents as a supplement to soil fertilisation.
- * Well-balanced nutrient ratio for soils rich in phosphate.
- * Well-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

Crop	Timing	Rates of use (l/ha)
Cereals	4 x between tillering and ear emergence	3 – 5 l/ha
Sugar beets	3 x between 4-leaf stage and crop cover	5 l/ha
Potatoes	1. application 14 days before flowering 2. application at the beginning of flowering 3. application 14 days after flowering	4 – 5 l/ha
Maize	3 x between 5-leaf stage and post-flowering stage	5 l/ha
Hops	At each peronospora spray date	0.15 % (max. 0.3 %)
Grapes	1. application when starting the peronospara sprays 5 x every 10-14 days with pesticide sprays	5 l/ha
Apples	in addition to each pesticide spray between pink bud stage and petal fall. Then use 3-5 l/ha SICOGREEN-S Calcium at fortnight intervals	3 – 5 l/ha
Strawberries	3 applications before flowering	0.3 – 0.5 %
Vegetables	4 x during the vegetation	3 – 5 l/ha
Oilseed rape	3 applications: 1. late rosette stage 2. during stem elongation 3. shortly before flowering	3 – 5 l/ha

6. PACKAGING

10 l / 25 l / 100 l

7. PRECAUTIONS

When storing **SICOGREEN®-S SUPER Mg**, 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 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.