



**PRODUCT INFO
& DATASHEET**

SICOGREEN[®]-S SUPER Mn

**Suspension N-K-Mg Foliar Fertiliser 32-0-24 + 3MgO + 1.6Mn + CTE
(w/v)**

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

1. PRODUCT DESCRIPTION

SICOGREEN[®]-S SUPER Mn is a highly concentrated foliar fertiliser for soils with an adequate phosphate supply. It is particularly suited to crops with a high demand for manganese.

The magnesium contained in **SICOGREEN[®]-S SUPER Mn** 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

Macronutrients		% w/v	% w/w
Total N	(nitrogen)	32	20
Nitrate N		7.6	4.8
Ammoniacal N		2.2	1.4
Carbamide N		22	13.8
K ₂ O	(potassium)	24	15
MgO	(magnesium)	3.2	2
Micronutrients		g/l	% w/w
B	(boron)	0.32	0.02
Cu*	(copper)	0.8	0.05
Fe*	(iron)	1.60	0.1
Mn*	(manganese)	16	1.0
Mo	(molybdenum)	0.016	0.001
Zn*	(zinc)	0.800	0.05

* Fully chelated micronutrients EDTA

3. PHYSICOCHEMICAL PROPERTIES

Appearance:	crystalline suspension
Density:	approx. 1.6 g/cm ³
Ph-value:	approx. 6.5
Colour:	green

4. BIOLOGICAL/TECHNICAL PROPERTIES & ADVANTAGES

- * High manganese content for preventing and eliminating Mn 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.
- * Chelated cationic micronutrients.
- * 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.

SAP INTERNATIONAL CORPORATION by Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be



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5. FIELDS OF APPLICATION AND USAGE RATES

Crop	Rate	Number and timing of applications
Cereals	3-5 l/ha	4 x between tillering and ear emergence
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 before 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	Mn deficiency can be corrected by first spray at petal fall and second spray 4-6 weeks later
Vegetables	2-4 l/ha	4 x during the vegetation

6. PACKAGING

1 l / 10 l / 25 l

7. PRECAUTIONS

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