



**PRODUCT INFO
& DATASHEET**

SICOGREEN®-S SUPER N

Suspension Foliar Fertiliser NPK 39-0-7 + CTE

SICO's N-pronounced complete fertiliser suspension

For all crops in intensive cultivation

1. PRODUCT DESCRIPTION

SICOGREEN®-S SUPER N is a highly concentrated N foliar fertiliser containing phosphorus, potassium and a balanced complement of the essential micronutrients. This formulation provides the basic nutrient supply for all crops in intensive cultivation. The formulation of special compatibility for plants helps the crops to overcome stress situations (weather, pesticide treatments) and is also a specific supplement to soil fertilisation during the critical stages of plant development (physiological stress). Its high compatibility for plants makes it the pre-ferred mixing partner for applications in conjunction with pesticides.

2. NUTRIENT CONTENTS

Macronutrients		% w/v	% w/w
N	(nitrogen)	39	27
K20	(potassium)	7	5
Micronutrients		g/l	% w/w
B	(boron)	0.25	0.02
Cu*	(copper)	0.72	0.05
Fe*	(iron)	0.72	0.05
Mn*	(manganese)	2.86	0.2
Mo	(molybdenum)	0.014	0.001
Zn*	(zinc)	0.72	0.05

* Fully chelated micronutrients EDTA.

3. PHYSICOCHEMICAL PROPERTIES

Appearance:	crystalline suspension
Density:	approx. 1.43 g/cm ³
pH-value:	approx. 6.6
Colour:	green

4. BIOLOGICAL/TECHNICAL PROPERTIES & ADVANTAGES

- * Nutrients readily available to plants.
- * Weather-independent applications.
- * Easy handling due to its low viscosity.
- * High nutrient concentration, especially of N.
- * **Well-balanced micronutrient supply.**
- * Complete nutrient supply.
- * pH-regulating.
- * Contains chelating agents which reduce water hardness hence improve the spray solution.
- * Overcoming stress situations (weather, pesticide treatments).
- * Can be applied with all usual HV and LV spraying and sprinkling equipment.
- * Compatible with most commonly used pesticides.

5. PRECAUTIONS

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

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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SICO FERTILISERS
 EVERY TIME THE *right* SOLUTION



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

6. RATES AND METHODS OF USE

Crop	Number and Timing of Applications	Rates of use * (l/ha)
Cereals	3 – 4 sprays: - 1st application at main tillering - 2nd application at flag leaf stage - 3rd application at ear emergence	5 l/ha
Potatoes	3 – 4 sprays: - 1st application at stem development - 2nd application 14 days before flowering - 3rd application at the beginning of flowering - 4th application 14 days after flowering	5 l/ha
Early potatoes	3 sprays: - 1st application at tuber initiation - 2nd application 10-14 days after 1st spray - 3rd application 10-14 days after 2nd spray	5 l/ha
Sugar and fodder beets	3 – 4 sprays: - 1st application at 2-leaf stage - 2nd application at 4-leaf stage - 3rd application at 6-leaf stage - 4th application before crop cover	4 l/ha
Oilseed rape	3 – 4 sprays: - 1st application when the first 2 leaves appear - 2nd application at stem elongation - 3rd application after bud formation - 4th application before flowering	5 l/ha
Maize	3 – 4 sprays: - 1st application at 3-leaf stage - 2nd application at 4-leaf stage - 3rd application at 6-leaf stage - 4th application at 8-to 11-leaf stage	5 l/ha
Vegetables	3 sprays: - 1st application 2 weeks after planting or 4 weeks after sowing - 2nd application 2 weeks later - 3rd application 2 weeks after 2nd spray	5 l/ha
Apples	2 – 3 sprays: - 1st application before blossom - 2nd application before blossom (10 days after 1st spray) - 3rd application in case of high fruit load / drought	3 l/ha
Strawberries	3 sprays before flowering at 14-day intervals	3 l/ha
Nurseries	3 sprays, as required, at least at 10-day intervals: last application before the end of sprouting	3 l/ha max. 5 % (young plants < 0.2%)
To improve the spray solution	In conjunction with every pesticide treatment	2.5 l/ha

* The application rate can be doubled if the requirement is high.

7. PACKAGING: 10 l / 25 l / 100 l