



**PRODUCT INFO  
& DATASHEET**

# SICOGREEN®-S SUPERMIX

## Suspension Foliar Fertiliser

### NPK 24-24-18 + CTE (w/v)

*SICO's suspension fertiliser with well-balanced N-P-K ration*

*For general growth promotion of all crops*

#### **1. PRODUCT DESCRIPTION**

**SICOGREEN®-S SUPERMIX** is a complete nutrient suspension with a high balanced macronutrient content plus a balanced micronutrient content to support plant nutrition by foliar application. Because of well-balanced nutrient ratio, this foliar fertiliser is suitable for all crops to prevent and eliminate the occurrence of latent and acute deficiencies in general.

#### **2. NUTRIENT CONTENTS & CERTIFICATE OF ANALYSIS**

Nutrient contents	% w/w	% w/v	g/l
Total N (nitrogen)	16	24.1	241
NO <sub>3</sub> -N (nitric nitrogen)	2.4	3.6	36
NH <sub>4</sub> -N (ammoniacal nitrogen)	4.8	7.2	72
NH <sub>2</sub> -N (carbamide nitrogen)	8.8	13.3	133
P2O5 (water soluble phosphate)	16	24.1	241
K2O (water soluble potassium)	12	18.1	181
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B (water soluble boron as borate)	0.02	0.0302	0.3
Cu (water soluble copper as chelate of EDTA)	0.05	0.0755	0.75
Fe (water soluble iron as chelate of EDTA)	0.1	0.1510	1.5
Mn (water soluble manganese as chelate of EDTA)	0.05	0.0755	0.75
Mo (water soluble molybdenum as molybdate)	0.001	0.0015	0.015
Zn (water soluble zinc as chelate of EDTA)	0.05	0.0755	0.75
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<b>Others</b>			
S (sulphate)	1.4	2.1	
Cl (chloride)	0.07	0.1	

#### **3. PHYSICOCHEMICAL PROPERTIES**

Appearance:	aqueous crystalline suspension
Density (20°C):	approx. 1.51 g/cm <sup>3</sup>
pH-value (20°C) product:	approx. 6.3
pH-value (20°C) 1% soln:	approx. 7
Colour:	blue-green

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

- \* **High and well-balanced macronutrient supply.**
- \* Complete well-balanced micronutrient supply.
- \* Suitable for all crops in all climatic zones.
- \* pH-regulation of the spray solution.
- \* Nutrients readily available to plants.
- \* Very safe to plants.
- \* Fully chelated cationic micronutrients.
- \* Superchelation reduces the water hardness of the spray solution.
- \* Applications independent of the weather conditions due to plant-compatible additives.
- \* 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>Timing</b>	<b>Rates of use * (l/ha)</b>
<b>Cereals</b>	4 x between tillering and ear emergence	3 – 5 l/ha
<b>Sugar beets</b>	3 x between 4-leaf stage and crop cover	3 – 5 l/ha
<b>Sugar cane</b>	1st application at a height of 30 cm 2nd application 2 weeks later	3 – 5 l/ha
<b>Potatoes</b>	Start at tube initiation (repeat at 14-day intervals)	3 – 5 l/ha
<b>Maize</b>	4 x between 3-leaf stage and 11-leaf stage	3 – 5 l/ha
<b>Coffee</b>	6 x from pre-blossom continuing at 3-week intervals	3 – 4 l/ha
<b>Cotton</b>	3 x between 5-leaf stage and early boll stage	3 – 4 l/ha
<b>Tea</b>	6 x from bud formation continuing at 3-week intervals	2 – 3 l/ha
<b>Tobacco</b>	4 x from pre-blossom continuing at 3-week intervals	2 – 4 l/ha
<b>Fruit trees</b>	5 x at 10 to 14-day intervals, starting shortly before blossom	3 – 5 l/ha
<b>Vegetables</b>	2 – 3 weeks after planting (repeat at 8- to 10-day intervals)	3 – 4 l/ha
<b>Ornamentals</b>	1 – 2 applications a week, spray or sprinkle	0.1 – 0.2 %
<b>Pistachio nut</b>	1st application when leaves are not yet fully expanded (3 x after 1st application at 20-day intervals)	3 – 4 l/ha
<b>Rice</b>	3 x at 2-week intervals, beginning when the plants have reached 20 cm in height	3 – 5 l/ha
<b>Alfalfa</b>	1 application 10 days after each cut	3 – 4 l/ha
<b>Melons</b>	4 applications: 1st spray 2-3 weeks after planting	3 – 4 l/ha

\* Depending on deficiency or plant stress risk.

## **6. PACKAGING**

1 l / 10 l / 25 l / 100 l

## **7. PRECAUTIONS**

When storing **SICOGREEN®-S SUPERMIX**, temperatures below 5°C (41°F) and above +40°C (104°F) as well as frequent temperature fluctuations during transport and storage should be avoided. Too low temperatures can cause crystallisation. These crystals are fully water-soluble and will however easily dissolve again in the spray solution. Prolonged storage may also cause colour changes. Neither crystallisation nor colour change will in any way affect the desired physiological product quality in any way. When mixing with other products for the first time, test on a small scale before general use. As storage and application of fertilisers are beyond our control, we can only be held liable for the satisfactory quality of the product at the time of delivery.

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