



**PRODUCT INFO
& DATASHEET**

SICOGREEN®-S SUPERMIX

Suspension Foliar Fertiliser NPK 16-16-12 + 1 B + 1 Zn (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

| Macronutrients | | % w/v | % w/w |
|-------------------------------|--|--------------|--------------|
| N | (nitrogen) | 16 | 11.4 |
| | Nitric nitrogen (NO ₃ -N) | 1.1 | 0.8 |
| | Ammoniacal nitrogen (NH ₄ -N) | 4.2 | 3.0 |
| | Carbamide nitrogen (NH ₂ -N) | 10.7 | 7.6 |
| P ₂ O ₅ | (water soluble phosphate) | 16 | 11.4 |
| K ₂ O | (water soluble potassium) | 12 | 8.6 |
| Micronutrients | | % w/v | % w/w |
| B | (water soluble boron as borate) | 1 | 0.71 |
| Co | (water soluble cobalt as chelate of EDTA) | 0.0008 | 0.0006 |
| Cu | (water soluble copper as chelate of EDTA) | 0.0212 | 0.015 |
| Fe | (water soluble iron as chelate of EDTA) | 0.0437 | 0.031 |
| Mn | (water soluble manganese as chelate of EDTA) | 0.0367 | 0.026 |
| Mo | (water soluble molybdenum as molybdate) | 0.0028 | 0.002 |
| Zn | (water soluble zinc as chelate of EDTA) | 1 | 0.71 |
| OTHERS | | | |
| S | (sulfate) | 0.56 | 0.4 |
| Cl | (chloride) | < 0.1 | < 0.1 |

3. PHYSICOCHEMICAL PROPERTIES

Appearance: form: aqueous crystalline suspension
 colour: green
 Density (20°C/68°F): approx. 1.41 g/cm³
 pH (20°C/68°F): product: approx. 7.5
 1% soln. approx.

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.

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



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 | 3 – 5 l/ha |
| Sugar cane | 1st application at a height of 30 cm 2nd application 2 weeks later | 3 – 5 l/ha |
| Potatoes | Start at tube initiation (repeat at 14-day intervals) | 3 – 5 l/ha |
| Maize | 4 x between 3-leaf stage and 11-leaf stage | 3 – 5 l/ha |
| Coffee | 6 x from pre-blossom continuing at 3-week intervals | 3 – 4 l/ha |
| Cotton | 3 x between 5-leaf stage and early boll stage | 3 – 4 l/ha |
| Tea | 6 x from bud formation continuing at 3-week intervals | 2 – 3 l/ha |
| Tobacco | 4 x from pre-blossom continuing at 3-week intervals | 2 – 4 l/ha |
| Fruit trees | 5 x at 10 to 14-day intervals, starting shortly before blossom | 3 – 5 l/ha |
| Vegetables | 2 – 3 weeks after planting (repeat at 8- to 10-day intervals) | 3 – 4 l/ha |
| Ornamentals | 1 – 2 applications a week, spray or sprinkle | 0.1 – 0.2 % |
| Pistachio nut | 1st application when leaves are not yet fully expanded (3 x after 1st application at 20-day intervals) | 3 – 4 l/ha |
| Rice | 3 x at 2-week intervals, beginning when the plants have reached 20 cm in height | 3 – 5 l/ha |
| Alfalfa | 1 application 10 days after each cut | 3 – 4 l/ha |
| Melons | 4 applications: 1st spray 2-3 weeks after planting | 3 – 4 l/ha |

* Depending on deficiency or plant stress risk.

NOTES

Nutrient content w/v:

Solubility:

Storage:

Storage class:

(according to VCI-concept, Germany)

Hazard:

Transport:

Calculated on density

The mineral salt components are fully water soluble. The milkiness remaining in the solution is due to insoluble suspension auxiliary products.

Do not store below + 5° C and above + 40° C.

Frequent temperature variations should be avoided.

Protect from contamination, sunlight and dry up.

12 Liquid product with no fire risk

In package with no fire risk.

Classification and labelling see MSDS

Without restriction for ADR/RID, IMDG and IATA/ICAO.

6. PACKAGING

1 l / 10 l / 25 l / 100 l

7. PRECAUTIONS

When storing **SICOGREEN®-S SUPERMIX**, temperatures below -5°C (23°F) and above +40°C (104°F) and frequent temperature 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.

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