



**PRODUCT INFO  
& DATASHEET**

# **SICOGREEN<sup>®</sup> -LP ECONOMY NPK 18.10.18+ 3 MgO+ CTE**

## **"SICOGREEN STRAWBERRY OUTSIDE" (field grown)**

### **1. PRODUCT SPECIFICATIONS**

**1) Chemical Analysis** (Tolerances and deviations allowed as per EU regulations)

	<b>Guaranteed</b>	<b>Calculated Specifications</b>
Nitrogen (N)	min. 18 %	3.1% Ammoniacal N (N-NH <sub>4</sub> ) 14.9% Ureic N (N-NH <sub>2</sub> )
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	min. 10 %	water soluble
Potassiumoxyde (K <sub>2</sub> O)	min. 18 %	water soluble
Magnesium Oxide (MgO)	min. 3 %	water soluble

#### **Package of chelated trace elements (C.T.E.) contains:**

	ppm	%	
<b>Fe</b>	260	0.026	EDTA chelated
<b>Mn</b>	320	0.032	EDTA chelated
<b>Zn</b>	230	0.023	EDTA chelated
<b>Cu</b>	75	0.0075	EDTA chelated
<b>B</b>	100	0.01	water soluble

#### **LOW CHLORINE FERTILISER (max. 0.5% Cl)**

### **2) Physical Specifications**

* Appearance/Colour:	Crystalline/powder form – <b>Yellow colored</b> We donot take responsibility for the intensity of the coloring as changes in reaction with the ingredients from batch to batch.
* Humidity:	max. 0.5%
* Insoluble matter:	max. 0.2%

### **2. PRODUCT DESCRIPTION**

SICOGREEN STRAWBERRY OUTSIDE is a specially formulated soluble fertiliser for field grown strawberries and other crops.

### **3. USES**

SICOGREEN STRAWBERRY OUTSIDE is formulated to be dissolved in the irrigation water where it will provide the major nutrients necessary for a crop of field grown strawberries. Use alone until flowers appear in the crop. From flowering onwards, use in mixture with SICO-SOLSOP soluble potassium sulphate match the nutrient supply to the crops demand.

### **4. BENEFITS**

- Use in a simple programme with SICO-SOLSOP soluble potassium sulphate to provide balanced nutrition without complication or unnecessary expense.
- Easy to dissolve, non-hazardous in use and simple to store.
- Provides the major nutrients that strawberries need in the correct balance to provide a high yield of quality fruit.

### **5. GENERAL RECOMMENDATIONS FOR USE**

#### **\* For fieldgrown strawberries**

##### Application rates:

Dissolve in the irrigation water with a final dilution at the rate of 1 gram per litre. May be made dissolved directly into the irrigation reservoir or made into a 10% concentrated stock tank solution (1 kg SICOGREEN STRAWBERRY OUTSIDE in 10 litres of water) and further diluted through a dosing pump at the rate 1:100 (1%).

##### Directions for use:

- Up to flowering: apply 30 kg SICOGREEN STRAWBERRY OUTSIDE per hectare in the irrigation water. Apply this amount 2x week (total 60 kg SICOGREEN STRAWBERRY OUTSIDE per hectare per week) during the season from the start of growth up to flowering.
- From flowering to harvest: apply 20 kg SICOGREEN STRAWBERRY OUTSIDE + 12.5 kg SICO-SOLSOP potassium sulphate per hectare in the irrigation water. Apply this amount 2x per week (total 40 kg SICOGREEN STRAWBERRY OUTSIDE + 25 kg SICO-SOLSOP potassium sulphate per week).

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



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- After harvest: apply SICOGREEN STRAWBERRY OUTSIDE per hectare per week up to dormancy to help to build fruiting buds for the following year.

Nutrient	Kg nutrient supplied/ha (assuming 8 weeks of feeding)		
	Up to flowering	After flowering	Total
N	43	14	57
P2O5	24	8	32
K2O	43	64	107
MgO	8	3	11

**\* For other crops (general)**

- As foliar fertiliser: use 2-6 kg/ha in 200-1000 litres of water. Apply when deficiency symptoms occur and repeat 2 - 3 times.
- In fertigation: use 2 g/l in irrigation water. Apply shortly before stage of strong growth and repeat the application.

The above recommendations should be adapted depending on differences in climate, soil temperature, application and irrigation system. Furthermore: the number of applications, the quantity per ha as well as the interval times may vary regarding the culture types and the formulations. Please consult your local dealer or a qualified agronomist.

**6. HOW TO APPLY ?**

- Add SICOGREEN® gradually to the water filled mixing tank, while stirring the solution.
- Solubility is affected by water temperature which we recommend to be at 20 °C.
- In case of mixing different products with SICOGREEN®, always add first SICOGREEN® and other products afterwards. Do not mix with products based on calcium.
- When mixing with pesticides for the first time, test on a small scale before general use.
- For foliar feedings: apply during the coolest time of a hot day (in the evening) and the warmest time of a cool day ideally not in temperatures above 27 °C.
- Stir well before application
- Use not less than 400 litres of spray liquid per ha.
- In general, avoid application during flowering.
- The use of wetting agents may improve effectiveness (please consult us). It is important to know the pH of the irrigation water. Our SICO PENETRATOR agricultural spraying water conditioner combats medium and high pH water and neutralises unwanted ions such as calcium, magnesium and bicarbonates. Please ask our literature.

**7. STORAGE CONDITIONS**

- Store dry & cool, away from direct sunlight, in well ventilated warehouse & area.
- Highly soluble products are very hygroscopic: protect the products from humidity during handling & storage.
- Keep bags well closed, away from children.