



**PRODUCT INFO  
& DATASHEET**

# **SICOGREEN<sup>®</sup>-K ECONOMY NPK 2.9.29+ 8 MgO+ CTE** **"SICOGREEN STRAWBERRY SPECIAL"**

## **1. PRODUCT SPECIFICATIONS**

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

	<b>Guaranteed</b>	<b>Calculated Specifications</b>
Nitrogen (N)	min. 2 %	2% Ammoniacal N (N-NH <sub>4</sub> )
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> )	min. 9 %	water soluble
Potassiumoxide (K <sub>2</sub> O)	min. 29 %	water soluble
Magnesium Oxide (MgO)	min. 8 %	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
<b>Mo*</b>	80	0.008	(*on special request only)

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

## **2) Physical Specifications**

* Appearance/Colour:	Crystalline/powder form – <b>Pink 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 SPECIAL is a low-nitrogen, high K<sub>2</sub>O and high MgO fertiliser for protected soft fruit, where the balance of nitrogen (N) comes from calcium nitrate (CaNO<sub>3</sub>) and/or nitric acid (HNO<sub>3</sub>).

## **3. USES**

SICOGREEN STRAWBERRY SPECIAL is a fully water soluble NPK fertiliser designed with a low nitrogen (N) content and intended to be used in conjunction with calcium nitrate (our SICALNIT EXCEL) and/or nitric acid. The nitrogen content of the calcium nitrate and/or nitric acid supplies much of the nitrogen the plant needs, and SICOGREEN STRAWBERRY SPECIAL provides the rest. When feeding calcium nitrate and/or nitric acid, it is often necessary to reduce the level of the NPK feed to maintain an acceptable fertiliser concentration (EC level) in the irrigation water and SICOGREEN STRAWBERRY SPECIAL is designed to accommodate this.

Designed for the vegetative growth stage of the crop (up to flowers visible). For the fruiting stages add SICO-SOLSOP soluble potassium sulphate to raise potassium (K) levels and produce large, firm and sweet fruit.

## **4. BENEFITS**

- Single product to use all season. Supplement with SICO-SOLSOP potassium sulphate in the fruiting phase of the crop.
- Low EC formulation for crop to tolerate addition of calcium nitrate (= our SICALNIT EXCEL) and/or nitric acid feeds.
- Contains the correct balance of nutrients to ensure healthy crops and firm sweet fruit.
- Provides sufficient trace elements even when used at reduced rates to stay within EC tolerances of the crop.
- Prevents excess nitrogen in the feed (excess nitrogen = excess leaf growth & soft fruit).

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

Normally 1 gram per litre. Supplement with SICO-SOLSOP potassium sulphate in the fruiting phase at 0.2 gram per litre.

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.

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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## **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.

P.S. :

For field grown strawberries (and other crops) please use our special formulation SICOGREEN-LP ECONOMY 18.10.18+ 3 MgO+ CTE.