



# **SICOGREEN<sup>®</sup>-L SUPER K**

## **Liquid NPK 6-10-15 + TE (w/v)**

*SICO's liquid N-P-K fertiliser for all crops with special potassium requirements*

### **1. PRODUCT DESCRIPTION**

**SICOGREEN<sup>®</sup>-L SUPER K** is a special N-P-K liquid formulation for supporting the soil fertilisation of crops with special potassium requirements, and of crops grown at locations with potassium fixation in the soil. The high macronutrient and well-balanced micronutrient contents of this formulation permit both preventive and curative applications to control specific deficiencies in agricultural and horticultural crops.

### **2. CONTENTS**

Macronutrients		% w/v	% w/w
N	(nitrogen)	6	5
P2O5	(phosphate)	10	8
K2O	(potassium)	15	12
Micronutrients		g/l	% w/w
B	(boron)	0.125	0.01
Cu*	(copper)	0.050	0.004
Fe*	(iron)	0.250	0.002
Mn*	(manganese)	0.150	0.012
Mo	(molybdenum)	0.013	0.001
Zn*	(zinc)	0.050	0.004

\* Fully chelated micronutrients (EDTA)

### **3. PHYSICOCHEMICAL PROPERTIES**

Appearance: green liquid  
 Density (20°C/68°F): approx. 1.25  
 pH (20°C/68°F): approx. 6.9

Conductivity in distilled water (25°C/77°F):

°/°	0.5	1.0	1.5	2.0
µS/cm	170	330	470	630

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

- \* **Potassium rich liquid fertiliser.**
- \* Complete macro- and micronutrient supply.
- \* Well-balanced nutrient ratio for crops with special potassium requirements.
- \* Quick nutrient uptake.
- \* Safe to plants.
- \* Fully chelated cationic micronutrients.
- \* pH-regulation of the spray solution.
- \* Superchelation improves the water quality of the spray solution.
- \* Can be applied with all usual HV and LV spraying and sprinkling equipment.
- \* Good compatibility with commonly used pesticides.



## **5. RATES AND METHODS OF USE**

* Crop	Timing	Rates of use (l/ha)
<b>Cereals</b>	4 applications during stern elongation	5 - 10
<b>Potatoes</b>	3 – 4 sprays: 1. application at stern development 2. -4 application at 14-day intervals	5 – 10
<b>Sugar and fodder beets</b>	3 – 4 sprays between 4-leaf stage and crop cover	5 - 10
<b>Oilseed rape</b>	3 – 4 sprays: 1. application when the first 2 leafs appear 2. application at stern elongation 3. application after bud formulation 4. application before flowering	5 - 10
<b>Maize</b>	3 – 4 sprays during stern elongation	5 - 10
<b>Vegetables</b> * field cropping	(carrots, cucumbers, leek, melons, onions, tomatos, etc.) 3 sprays: 1. application two weeks after planting or 4 weeks after sowing following applications in 10-14-day intervals	5 – 10
* cultivation under glass	during seedling production and during the growth period as soil-applied and foliage-applied nutrition	0.2 – 0.4 %
<b>Top fruit</b>	2 – 3 sprays starting after bud break until shortly before bloom	5 - 6
<b>Strawberries</b>	3 – 4 sprays starting shortly before flowering and repeating in joint application with the botrytis sprays	5 – 6
<b>Ornamentals</b> * cultivation under glass * potted plants * field plants	substrate or foliar fertilisation	0.1 – 0.5 %
<b>Nurseries</b> * propagation plants * seedlings * marketable containerised plants	3 – 5 applications to strengthen the plants soil application as required flooding or sprinkler irrigation as required	0.05 % 0.1 % 0.2 %

## **6. PACKAGING**

20 l / 200 l

## **7. PRECAUTIONS**

When storing **SICOGREEN®-L SUPER K**, temperatures below +3°C (37°F) and above +40°C (104°F) should be avoided, as too low temperatures (and long-term storage) can cause crystallization. The crystals will however easily dissolve again in the spray solution. 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.