



**PRODUCT INFO  
& DATASHEET**

# **SICOGREEN<sup>®</sup>-L ALGA NPK 9.4.7 + TE + AA,** with bioavailable amino acids from 10% algae extract of *Ascophyllum nodosum* - EC Fertiliser -

Ref. 92282 - Revised 04/2022

## **1/ PRODUCT DESCRIPTION**

### **\* BENEFITS**

- The bioavailable amino acids from the algae *Ascophyllum nodosum* improve the uptake of the nutrient mix of NPK and trace elements of the formula.
- Improves resistance to biotic and abiotic stress conditions due to nutrient interaction with the natural compounds from the algae.
- Provides a high proportion of natural plant hormones and amino acids that penetrate the cellular tissues focusing on the physiological processes of the plant, stimulating its growth and promoting flowering, fruit setting and fruit ripening.

## **2/ PRODUCT SPECIFICATIONS & ANALYSIS**

### **\* ANALYSIS**

Total N	: 9.0 %	(= 105 g/l)
Urea Nitrogen (N-NH <sub>2</sub> )	: 8.0 %	(= 93 g/l)
Nitrate N (N-NO <sub>3</sub> )	: 1.0 %	(= 12 g/l)
Phosphorous pentoxide (P <sub>2</sub> O <sub>5</sub> )	: 4.0 %	(= 47 g/l)
Potassium Oxide (K <sub>2</sub> O) (low in chloride)	: 7.0 %	(= 82 g/l)
Copper (Cu)	: 0.005 %	(= 0.058 g/l)
Iron (Fe)	: 0.02 %	(= 0.23 g/l)
Manganese (Mn)	: 0.03 %	(= 0.35 g/l)
Zinc (Zn)	: 0.02 %	(= 0.23 g/l)
Boron (B)	: 0.03 %	(= 0.357 g/l)
Molybdenum (Mo)	: 0.003 %	(= 0.035 g/l)

### **\* SPECIFICATIONS**

Colour	black*
Type	flow
Density	1.19
pH at 20 °C	6.8
Seaweed	10% algae extract of <i>Ascophyllum nodosum</i>

\*Colour differences may occur and do not affect the quality of the fertiliser.

## **3/ RECOMMENDED APPLICATION RATES & DOSAGES**

Provides resistance against stress due to weather and soil conditions and supports plant growth and fruit setting.

### **PERENNIALS AND FRUIT TREES:**

5 l/ha in 500 l of water, at pre-flowering, during full flower and at fruit setting.

• Vine and grapes : 4-5 l/ha in 300 l of water, after the start of spring vegetation, after opening of flower buds and during full bloom.

### **ARABLE CROPS:**

- Maize : 5 l/ha in 300 l of water at 6-8 leaf stage.
- Potato : 5 l/ha in 300 l of water after row closing.

### **VEGETABLES:**

- Tomato, bell pepper : 5 l/ha in 500 l of water, pre-flowering, before full bloom, during fruit formation.
- Beet : 5 l/ha in 300 l of water at 6-8 leaf stage.

**OTHER CROPS:** 4-5 l/ha in 500 l of water, 2-3 treatments every 10-14 days during main growth periods.

Or any other crop, to be used only where there is a recognised need. Do not exceed the appropriate dose rates. For any other further detail, please contact your agronomist.  
SAP International Corporation bv does not take responsibility for wrong application. Please revise your local regulation or get advice from your local agronomic advisory service.

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**SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium**  
Tel. +32-3-309.06.51 Email : [info@sico.be](mailto:info@sico.be) Website : [www.sico.be](http://www.sico.be)



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**4/ INSTRUCTIONS FOR USE & STORAGE**

**Instructions for use & Storage**



**1**

Fill 2/3 of the tank sprayer with clean water, turn on the agitation,



**2**

Add the plant protection product



**3**

Shake the canister



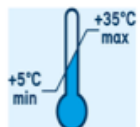
**4**

Add the SICOGREEN fertilizer



**5**

Finish to fill the tank with water



**TANK MIXES**

Compatibility & recommendations



**1**

**LABEL RECOMMENDATIONS:**  
Follow the label recommendation, as suggested for optimal results



**2**

**SHAKE LIQUIDS:**  
Ensure thorough mixing of liquids by shaking containers before adding them in the tank



**3**

**JAR TEST:**  
Combine tested formulations to check physical compatibility.



**4**

**NEW MIXTURES:**  
Improve efficacy by checking chemical compatibility.



**5**

**PROPER MIXING:**  
Add products in the right order based on their formulations



**6**

**SUFFICIENT WATER:**  
Use recommended amount of water while adding product/s



**7**

**DISSOLUTION:**  
Wait until products are dissolved completely before adding more products



**8**

**WATER/ FERTILIZER:**  
Consider the quality of water hardness, pH



**9**

**COLD WATER:**  
Allow more time for products to mix in cold water



**10**

**AGITATION STRENGTH:**  
Apply right agitation speed not too hard or not too slow.

**5/ PACKINGS**

- 10 lt cans, 500 lt per pallet, 20 pallets = 10,000 lt/20' container.
- 200 lt drums x 4 per pallet, 10 pallets = 8,000 lt/20' container.
- 1000 lt IBC, 10,000 lt/20' container.