



**PRODUCT INFO  
& DATASHEET**

Updated 04/2024

# **SICOGREEN<sup>®</sup> ECONOMY**

## **GREENHOUSE GRADE WATER SOLUBLE NPK'S**

### **Introduction**

*(based on also using potassium sulphate as K<sub>2</sub>O source)*

#### **1. INTRODUCTION**

We are pleased to introduce our standard "SICOGREEN<sup>®</sup> ECONOMY" range where we use **SICO-SOLSOP** high quality horticultural grade of potassium sulphate next to other K<sub>2</sub>O sources as potassium nitrate & MKP etc., using only the purest EU origin raw materials (no Chinese products)

This range is primarily used in all current irrigation systems: drip-, (micro-) sprinklers, central pivot, capillary tubes etc and for foliar treatments.

We have divided this range into 5 categories: (according to the NPK ratio they contain) to meet specific needs at different plant development stages. Each category has been given a specific color for easy tracing of the fertiliser in the irrigation system.

#### **2. SICOGREEN<sup>®</sup> ECONOMY RANGE:**

##### **A/ SICOGREEN-B ECONOMY balanced formulae, blue colored**

Range with NPK ratio 1-1-1, suitable for balanced soils esp. used from vegetation growth to blossoming.

##### **B/ SICOGREEN-N ECONOMY high nitrogen formulae, green colored**

Range with NPK ratios of 2-1-1 and 3-1-1, suitable esp. for sandy soils, poor in organic matter (please use NATURACTIV and other SICORGAN Organic NPK's to improve/restore organic matter in the soil) and for plants lacking vigour.

Enhances vegetative growth of fast growing plants. Esp. used from start of vegetative growth till end of blossoming period.

##### **C/ SICOGREEN-P ECONOMY high phosphorus formulae, orange colored**

Range with NPK ratios of 1-2-1, 1-3-0.7, 1-3-1 or 1-5-1, suitable esp. for deficient soils or poor in phosphorous. Mostly used at planting or seeding or just before blossoming (eg tomatoes). High P enhances root formation, stimulates blossoming and fruit production.

##### **D/ SICOGREEN-K ECONOMY high potassium formulae, pink colored**

Range with NPK ratios of 1-1-2, 1-1-3, 1.5-1-3 or 1-2-5, suitable esp. for potassium deficient soils. Potassium increases resistance to temperature stress, enhances coloring and taste quality of vegetables and fruits, plays important role for sugar and starch synthesis. Mainly used during fruit and vegetable growth stages following blooming.

##### **E/ SICOGREEN-LP ECONOMY low phosphorus content formulae, yellow colored**

Range with NPK ratios of 1.9-1-1.7, 3-1-6, 4-1-6, 4-1-11 or 4-1-14, recommended for phosphorous rich soils during plant growth stage. Use during ripening stage. Enhances fruit and vegetable coloring and organoleptic quality.

#### **3. PHYSICAL SPECIFICATIONS**

All these formulas are LOW in CHLORINE and are "E.C. FERTILISER" quality.

Appearance: crystal powder colored as indicated above

Humidity: max. 0.5 %

pH ranges guaranteeing acceptable stability of EDTA: 2-8

#### **4. APPLICATION & COMPATIBILITY**

All these formulas are suitable for use both in all fertirrigation systems and for foliar application and are compatible with most phyto-sanitary & plant health products. We advise, esp. when in doubt, to carry out first the jar test or a first trial on small scale to ascertain product compatibility.

#### **5. DOSAGE & GENERAL RECOMMENDATIONS**

- For fertirrigation systems: 1 to 3 g/l of irrigation water

- For foliar treatments: 0.5 % solution, meaning 1 kg of SICOGREEN ECONOMY for 200 l of water per hectare in open land or 5 kg/1000 l of water per hectare in arboriculture. Repeat 2 to 3 times if needed.

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 itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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