



# SICOTONIC

## *Natural anti-stress process activator and promoter*

*(for foliar & soil application)*

02/2023

### 1/ PRODUCT DESCRIPTION & CHARACTERISTICS

**SICOTONIC** is an exclusive liquid product made of amino acids enriched with a special, non-hormonal activator with high biostimulant activity.

#### **ADVANTAGES:**

**SICOTONIC** can increase the yields and the quality of crop production by stimulating crop metabolism. It also contains amino acids that help with the absorption and the translocation of the activator into the cells, where it strengthens the cell walls and membranes and boosts biochemical processes, involving pollen fertility and fruit size, reducing fruit dropping. The results are an increase in mineral content, an improvement in the crop's nutritional level, a quicker synthesis of enzymes, an improvement in flowering, in fruit setting and in fruit growth, in stronger cell membranes, with lower susceptibility to biotic and abiotic stress.

### 2/ PRODUCT ANALYSIS

<u>Composition :</u>	<u>% w/w</u>	<u>% w/v</u>
Total Nitrogen (N)	16.3	20.4
Organic Nitrogen	1.3	1.6
Ammoniacal nitrogen	3.75	4.7
Ureic Nitrogen	7.5	9.4
Organic Matter (O.M.)	14.8	18.5
Boron (B) water soluble	0.02	0.02
Molybdenum (Mo) water soluble	0.001	0.001
Zinc (Zn) water soluble, chelated by EDTA	0.05	0.06

#### Specification :

Density	1260 g/l
pH	5.5 – 6.5
<u>State :</u>	liquid
<u>Application :</u>	foliar and soil irrigation

### 3/ INSTRUCTIONS FOR USE

#### **DOSES, WAY & TIME OF APPLICATION** (Doses are referred to each application)

CROPS	APPLICATION RATE	NUMBER AND TIMING OF APPLICATIONS
Fruit trees, olive trees, vegetables	Foliar: 50-80 g/hl (0.5-0.8 kg/ha) 40-70 ml/hl (0.4-0.7 l/ha)	1-3 applications, beginning from before flowering, every 15-20 days
Geranium, carnation, rose, chrysanthemum	Foliar: 80-100 g/hl (70-80 ml/hl)  Soil irrigation: 0.5 kg/hl (0.4 l/hl)	3-5 applications, beginning from transplant every 20 days

### 4/ NOTE & WARNING

**SICOTONIC** can be used with normally applied foliar and soil fertilizers. It can be mixed with normally used plant protection products.



**PRODUCT INFO  
& DATASHEET**

It is very important not to use **SICOTONIC** in solutions with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and cupric compounds (with the exception of olive trees, where it can be used with copper). The product is stable between +5 °C and +35 °C. Store in a well-ventilated, cool, dry place, away from sources of heat/ignition. Protect from sunlight.

**5/ PACKING**

- 1) 0.5 lt bottle (carton 20 x 0.5 lt)
- 2) 1 lt bottle (carton 16 x 1 lt; 1008 lt per pallet x 10 per 20' fcl = 10080 lt)
- 3) 6 lt can (carton 2 x 6 lt; 1200 lt per pallet x 10 per 20' fcl = 12000 lt)