



**PRODUCT INFO  
& DATASHEET**

Biostimulant & Biological activator

## SICO SILI-PLUS

Liquid specialty activator & barrier containing 30.5% SiO<sub>2</sub> + 16.3% K<sub>2</sub>O

New improved 12/2021

### 1. PRODUCT DESCRIPTION

**SICO SILI-PLUS** is a special activator based on Potassium silicate which improves the capability of maintaining yields, the mechanical resistance of fruits and vegetal tissues and, in general, the resistance of the plant against biotic and abiotic stress conditions.

**SICO SILI-PLUS** also improves the nutritional balance of the plant.

#### \* Advantages:

- Improves the natural and mechanical plant resistance
- Strengthens and protects plants from the inside out
- Improves resistance to heat
- Improves postharvest shelf life

### 2. PRODUCT ANALYSIS

#### \* Composition

	% w/w	% w/v
Total nitrogen (N)	3.0	4.1
Ureic nitrogen (N-NH <sub>2</sub> )	3.0	4.1
Potassium oxide (K <sub>2</sub> O) water soluble	12.0	16.3
Silicon dioxide (SiO <sub>2</sub> ) water soluble	22.4	30.5

#### \* Specifications

Appearance	: liquid
Colour	: colourless
pH	: 11.5 +/- 12.5 at 20 °C
Density	: 1350 +/- 1370 g/L at 20 °C

### 3. RESULTS

**SICO SILI-PLUS** will improve the following parameters:

- increasing tissues and membranes firmness;
- increasing of the resistance to fruit cracking in the most susceptible crops (Cherry, Peach, Apricot, Citrus);
- increasing the resistance to abiotic and biotic stress.

The above benefits are caused by an increase of the tissue resistance, by a better resistance to drought and by an enhancement of the natural defences system of the plant. The final result is the achievement of more healthy yields with a better shelf life.

### 4. INSTRUCTIONS FOR USE

CROPS	FOLIAR SPRAY (L/ha)	NO. OF APPLICATIONS	TIME OF APPLICATIONS
Fruit trees, grapes, olive trees	3 - 6	2 - 4	Applications during the vegetative growth, every 3 - 4 weeks.
Vegetables and ornamental crops	3 - 6	2 - 4	Starting 2 weeks after transplanting with minimum 21 days interval.
Greenhouse crops	3 - 6	2 - 4	Starting 2 weeks after transplanting with minimum 21 days interval.

### 5. STORAGE

Store in original container in a cool, well ventilated dry place at temperatures between 5° and 40° C.

### 6. PACKING

- 1) 1 lt bottle (carton 16 x 1 lt; 1008 lt per pallet x 10 per 20' fcl = 10080 lt)
- 2) 6 lt can (carton 2 x 6 lt; 1200 lt per pallet x 10 per 20' fcl = 12000 lt)
- 3) 20 lt can (960 lt per pallet x 10 per 20' fcl = 9600 lt)
- 4) 1000 lt IBC (x 10 per 20' fcl = 10000 lt)

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