



**PRODUCT INFO  
& DATASHEET**

CATS Calcium Thiosulphate

## **SICO-SOILNEUTRALISER**

*Liquid soil conditioner based on a mixed solution of Calcium and Magnesium (with de-salinity effect).*

15/06/2017

### **1/ PRODUCT DESCRIPTION & CHARACTERISTICS**

SICO-SOILNEUTRALISER is a liquid formulation based on low molecular weight organic acids deriving from **complexed carbohydrates, calcium, magnesium and sulphur** has a de-salinity effect due to the specific raw materials used but the key element is **CATS (Calcium Thiosulphate)**.

SICO-SOILNEUTRALISER reduces the phytotoxicity caused by sodium excess in the soil. Calcium and magnesium allow to mobilize and replace the sodium linked to soil clay colloids. In this way sodium is easily leached away from the root system area. For this reason crops can grow in saline soils and in substrates treated with SICO-SOILNEUTRALISER even in the presence of a high sodium (Na) content. SICO-SOILNEUTRALISER contributes to improving air circulation and structure in the soil, SICO-SOILNEUTRALISER increases the acidity of soil, improving the availability of phosphorus and trace elements that can be easily absorbed by the plant.

### **2/ PRODUCT ANALYSIS**

<u>Composition :</u>	<u>% w/w</u>	<u>% w/v</u>	<u>Specification :</u>	
Nitric (N) Nitrogen	3.2	4.3	pH	5-6
Calcium (CaO), water soluble	9.1	12.3	Density	1350 g/lit
Magnesium Oxide (MgO), water soluble	1.1	1.5	<u>State :</u>	Liquid
Sulphur trioxide (SO <sub>3</sub> )	12.5	16.9	<u>Application :</u>	Soil & Drip irrigation

### **3/ INSTRUCTIONS FOR USE**

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

<b>CROPS</b>	<b>APPLICATION RATE</b>	<b>NO. AND TIME OF APPLICATIONS</b>
Fruit trees	Sandy soils: 10-20 l/ha  Medium loam or clay soils: 20-40 l/ha	Repeated applications after transplanting, repotting, vegetative growth, flowering and fruit setting.
Vegetables		
Ornamentals		

### **4/ NOTE & WARNING**

SICO-SOILNEUTRALISER can be used with almost all soil fertilisers.

Avoid mixing with highly alkaline compounds, mineral oils, sulphur, phosphorus, copper-based chemical compounds.

### **5/ PACKING**

- 1) 1 l bottle x 16 per carton, 1008 l per pallet
- 2) 6 l can x 2 per carton, 1200 kg per pallet
- 3) 20 l can, 960 l per pallet