



## **SICOGREEN GEL NPK 27-27-27 + 6% MgO + CTE**

*High nitrogen formula favouring vegetative development as contains N in 3 different forms, it guarantees rapid (nitric) and prolonged (ammoniacal and urea) supply*

*(red color)  
- Made in E.U. -*

**Item 46 bis**

01/2025

### **1. TECHNICAL SPECIFICATIONS – CHEMICAL ANALYSIS**

<b>Specifications</b>	<b>w/v (%)</b>
Total Nitrogen (N)	27.00
Nitric nitrogen (N-NO <sub>3</sub> )	6.90
Urea nitrogen (N-NH <sub>2</sub> )	13.40
Ammoniacal nitrogen (N-NH <sub>4</sub> )	6.70
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ), water soluble	27.00
Potassium oxide (K <sub>2</sub> O), water soluble	27.00
Magnesium oxide (MgO), water soluble	6.00
Boron (B), water soluble	0.016
Copper (Cu), 100% EDTA chelated, water soluble	0.003
Iron (Fe), 100% EDTA chelated, water soluble	0.081
Manganese (Mn), 100% EDTA chelated, water soluble	0.040
Molybdenum (Mo), water soluble	0.003
Zinc (Zn), 100% EDTA chelated, water soluble	0.016

#### **\* PHYSICOCHEMICAL CHARACTERISTICS**

Appearance : GEL                      Density : 1.56 gr/cc  
Color : red                              pH : 4-5

### **2. PRODUCT CHARACTERISTICS & ADVANTAGES**

SICOGREEN GEL NPK 27-27-27+6%MgO+CTE is a new product that due to its Gelatinous structure increases the retention time of the product and decreases the surface tension of the leaves, promoting the opening of the stomata and cuticular adsorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, preventing chemical degradation and losses due to evaporation or formation of secondary compounds.

As it is a gel fertilizer and is non-ionic, it is compatible with most phytosanitary treatments, increasing their effectiveness.

SICOGREEN GEL NPK 27-27-27+6%MgO+CTE is a balanced and polyvalent formulation of high concentration to improve the nutritional status of the crop.

It is very versatile and completely soluble in water and can be used during the complete crop growth cycle.

Is particularly appropriate to provide the nutrients necessary during the first stages of crop development when nitrogen is needed.

- High solubility of macronutrients (N,P,K).
- High manufacturing technology, with highly selected raw materials.
- 100% free of impurities and chlorine.
- Without compaction neither training of powder nor lumps.
- Security, comfort and easy management.
- Formulation adapted to the needs in each stage of the crop.
- SICOGREEN GEL NPK 27-27-27+6%MgO+CTE stimulates vegetative growth.

### **3. APPLICATION RECOMMENDATIONS & DOSAGE**

#### **Fertirrigation:**

The general dose for a single application varies between 3 and 10 kg/ha/application. Application moment and dosage depends on the crop.

For continued fertigation, the concentration recommended in the solutions varies between 0.3 - 1.5 g/l (0.03- 0.15%).

The recommendation standard for most crop conditions is 1 g/l of water.



**PRODUCT INFO  
& DATASHEET**

**Foliar Application:**

Apply 2 - 5 kg/ha/application with a maximum concentration of 0.5% (5 grams per liter). Use always in enough volume of water to guarantee a total coverage of the foliage.

Crop-specific recommendations can be obtained on request and according to the specific soil, crop and climatic conditions.

**4. PACKAGING & STORAGE**



Store between 10 °C and 30 °C away from direct sunlight, protected from frost.

**5. PRECAUTIONS**

Keep out of the reach of children.

Harmful if swallowed.

In case of accidental contact with eyes or skin, wash immediately and thoroughly with water.

Store in the original container, dry and protected from extreme temperatures.

Keep away from food, drinks and feed.