



**PRODUCT INFO
& DATASHEET**

SICOGREEN GEL NPK 5-45-50 +CTE - low pH

(red color)

- Made in E.U. -

Item 15

06/2024

1. TECHNICAL SPECIFICATIONS – CHEMICAL ANALYSIS

| Specifications | w/w (%) | w/v (%) |
|--|----------------|----------------|
| Total Nitrogen (N) | 2.94 | 5.00 |
| Ammoniacal nitrogen (N-NH ₄) | 1.01 | 1.73 |
| Urea nitrogen (N-NH ₂) | 1.92 | 3.27 |
| Phosphorus Pentoxide (P ₂ O ₅), water soluble | 26.40 | 45.00 |
| Potassium oxide (K ₂ O), water soluble | 29.40 | 50.00 |
| Boron (B), water soluble | 0.010 | 0.016 |
| Copper (Cu), EDTA chelated, water soluble | 0.002 | 0.003 |
| Iron (Fe), EDTA chelated, water soluble | 0.050 | 0.082 |
| Manganese (Mn), EDTA chelated, water soluble | 0.025 | 0.041 |
| Molybdenum (Mo), water soluble | 0.002 | 0.003 |
| Zinc (Zn), EDTA chelated, water soluble | 0.010 | 0.016 |

*** PHYSICOCHEMICAL CHARACTERISTICS**

Appearance : GEL Density : 1.7 gr/cc
Color : red pH : 2-3

2. PRODUCT CHARACTERISTICS & ADVANTAGES

- NPK formulation with very high phosphorus content with trace elements developed for foliar application.
- Suitable for crucial times of phosphorus need during the growth cycle, such as root development, flowering and fruit set.
- Completely soluble in water and easy to use.
- The low pH makes it the ideal complement for pesticide application to safeguard the efficiency of agrochemicals in hard water conditions.

3. APPLICATION RECOMMENDATIONS & DOSAGE

Foliar application: Apply 2-5 kg / ha / application. Never exceed a concentration of 0.5% (5 g/l of water). Always use in a sufficient volume of water to ensure complete foliage coverage. Do not apply in very hot climates or in crops with water stress. The best application time is early morning or evening when humidity is high on the plant.

Field crops (cereals, sugar beets, rapeseed, cotton, etc.): Apply after germination to crops with 4 to 6 leaves; repeat before mashing for cereals.

Potatoes: Apply during tuber initiation; repeat during the beginning of the tuber development stage and 10 days later.

Vegetables: Make 1 - 2 applications after transplanting until the first flowers appear. Repeat regularly during the formation of new flowers (tomato, cucumber, strawberries, etc...)

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.

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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