PRODUCT INFO & DATASHEET

SICOGREEN GEL NP 18-46 + 2% MgO + TE -low pH

(yellow color)

- Made in E.U. -

Item 35 update 02/2025

1. TECHNICAL SPECIFICATIONS – CHEMICAL ANALYSIS

Specifications	**w/w (%)**	**w/v (%)**
Total Nitrogen (N)	12.00	18.00
Nitric nitrogen ($N\text{-}NO_3$)	5.93	8.90
Ammoniacal nitrogen ($N\text{-}NH_4$)	6.06	9.10
Phosphorus Pentoxide (P_2O_5), water soluble	30.66	46.00
Magnesium oxide (MgO), water soluble	1.33	2.00
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	: 1.5 gr/cc
Color	: yellow	pH	: 2-3

2. PRODUCT CHARACTERISTICS & ADVANTAGES

- NP formulation with very high nitrogen and phosphorus content with trace elements developed for foliar application.
- The low pH makes it the ideal complement for pesticide application to safeguard the efficiency of agrochemicals in hard water conditions.
- Completely soluble in water and easy to use.

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 the 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).

4. PACKAGING & STORAGE

Available in 1 kg / 5 kg / 10 kg / 20 kg cans.
The content in ltr can be calculated by dividing the weight of the can by the product density (1 kg can: 1.50 density = 0.666 lt)

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.
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