



SICOGREEN GEL NPK 20-20-20 + TE

**EC Fertiliser
- Made in E.U. -**

05/2022

1. PRODUCT DESCRIPTION

Suspended concentrated NPK fertilizer containing essential nutrients and high quality additives.

The gel technology based on high quality nutrients and latest generation adjuvants facilitates, on the one hand, the preparation of application broths as it is liquid, and on the other, its effectiveness as a nutrient.

Contains Boron (B), Copper (Cu), Iron (Fe), Manganese (Mn), Molybdenum (Mo) and Zinc (Zn), micronutrients necessary for a development and nutritional balance and favoring a good fruit set.

*** TECHNICAL SPECIFICATIONS – CHEMICAL ANALYSIS**

ASSAY	% w/v
Total Nitrogen (N)	20.0
Ammoniacal nitrogen (N-NH ₄)	5.0
Nitrate N (N-NO ₃)	5.0
Ureic nitrogen (N-NH ₂)	10.0
Phosphorus Pentoxide (P ₂ O ₅) water soluble	20.0
Potassium Oxide (K ₂ O) water soluble	20.0
Boron (B) water soluble	0.01
Copper (Cu) water soluble	0.002
Iron (Fe) water soluble	0.02
Manganese (Mn) water soluble	0.01
Molybdenum (MO) water soluble	0.001
Zinc (Zn) water soluble	0.006

*** PHYSICOCHEMICAL CHARACTERISTICS**

Appearance : soluble gel
Color : red
Density, g/ml 20 °C : 1.50
pH value 1% in water : 6 - 7

2. PRODUCT CHARACTERISTICS

SICOGREEN GEL NPK 20 - 20 - 20 + TE is a polyvalent formulation to improve the nutritional status of the plant. It is suitable for crops suffering from stress conditions such as drafts, fungal attacks, poor soil conditions, etc.

SICOGREEN GEL NPK 20 - 20 - 20 + TE is particularly suitable to provide the nutrients required during the early stages of crop development and to help the plant against stress conditions.

The fertilizer complex SICOGREEN GEL NPK 20 - 20 - 20 + TE with Micronutrients is highly versatile and completely soluble in water. SICOGREEN GEL NPK 20 - 20 - 20 + TE contains the highly concentrated vegetative formulation and only small amounts of the product are necessary for high efficiency.

SICOGREEN GEL NPK 20 - 20 - 20 + TE is a new product that, due to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of the stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

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

Being a GEL fertilizer, and having a non-ionic character, it is compatible with most phytosanitary treatments, increasing their effectiveness.

The gel technology based on high-quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when it is liquid and, on the other, the efficacy as a nutrient.

3. ADVANTAGES & FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum manufacturing technology with highly selected raw materials. 100% free of impurities and chlorine.
- No compaction or formation of dusts or lumps. Safety, comfort and easy handling.

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- Formulation adapted to the needs of each stage of the crop.
- stimulates plant growth.
- a fertiliser with a more concentrated formulation to optimize plant nutrition in all growth stages.
- a fertilizer with a homogeneous suspension produced by first quality raw materials without impurities. Free of chlorine, sodium and heavy metal compounds
- a high-quality, economical and concentrated product that meets your harvest needs.
- a homogeneous suspension, which can be applied during all stages of plant growth
- reduces the pH of the soil, which leads to increase the availability of nutrients for plants, contains all the chelated trace elements that make them more available to plants.
- is suitable for fertigation and foliar applications.
- can be mixed with most other fertilizers and agrochemicals.

Technology that makes a difference	High Technology
Suggestibility test result by the plant	Very high (onset of effect 30 minutes. 5-7 days)
Farmers satisfaction rate	98%
Plants can be used	It can be safely used for all plants, especially fruits, vegetables, industrial plants of cereals of which they made farm fields, golf and football ...
Usage dose	Is declared on the product label.

4. APPLICATION RECOMMENDATIONS & DOSAGE

Liquid foliar fertilizer in the form of GEL rich in nitrogen, phosphorus and potassium used as a fertilizer supplement in crops, which must maintain active growth, while promoting the successive ripening of the fruits.

Leaf application:

- vegetables : 200-250 gr/100 lt of water
- fruit trees, citrus trees, vine : 200-300 gr/100 lt of water
- olive trees : 250-500 gr/100 lt of water
- extensive : 200-250 gr/100 lt of water

Fertigation:

- vegetables : 4-8 kg/ha
- fruit trees, citrus trees, vine : 4-8 kg/ha
- olive trees : 4-8 kg/ha
- extensive : 4-8 kg/ha

How to use

Shake well to ensure a homogeneous broth. Apply the treatment broth as soon as possible after its preparation.

INCOMPATIBILITIES

Can be mixed with most of the phytosanitary products and foliar fertilizers commonly used; however, it is always recommended to do a prior compatibility test.

5. PACKAGING



6. STORAGE

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

7. 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.