

GROGREEN BIOGEL CE



LIQUID ORGANIC FERTILISER NK 10-5 with a biostimulating action

GROGREEN Biogel is an innovative NK fertiliser formulated with biostimulant action, designed to enhance plant growth and productivity. Its nitrogen source, derived from plant-based amino acids, offers a highly concentrated, water-soluble nutrient gel ideal for organic farming. This advanced formulation efficiently provides essential nutrients, supporting plants during critical growth phases.

The biostimulant properties not only enhance nutrient absorption but also strengthen plants against environmental stresses like heat, drought, and frost. Free from animal-based ingredients and featuring a low salt index, GROGREEN Biogel is gentle on plants, reducing the risk of phytotoxicity and promoting healthy, vigorous growth. The Biogel exhibits a high foliar efficacy due to the formulation technology used, the presence of glycine as a complexing agent and the low pH of formula.

Specifications	Density: +/- 1.30 kg/liter	
	W/W	W/V
Total Nitrogen (N)	8.00 %	10.40 %
Organic nitrogen from vegetal amino acids	8.00 %	10.40 %
Potassium Oxide (K ₂ O), soluble in water	4.00 %	5.20 %
Organic Carbon (C)	17.00 %	22.10 %
Dry matter	61.40 %	
Corg/N ratio	2.125	

**Product allowed for use in organic agriculture according to EU regulation 2018/848.
More information can be found on www.inputs.bio.**



The Advantages of Biogel



Nutritional action

GROGREEN Biogel contains readily available nitrogen and potassium, ensuring high production and superior quality results. Additionally, the free amino acids facilitate the systemic movement of active ingredients within the plant, enhancing their absorption and translocation.



Superior foliar efficacy

Formulated for high foliar efficacy, featuring a gel base with adjuvants like a wetting and leaf retention agent. Glycine acts as a complexing agent to improve foliar absorption and translocation within the plant. Additionally, its low pH stabilizes pesticides in hard water, removing the need for an acidifying agent.



Biostimulant action

The unique balance of nutrients and amino acids in Biogel enhances plant development, stimulates growth, and improves stress tolerance, resulting in high-quality harvests.



Acidifying action

With a low pH of 4.0, Biogel is ideal for use at recommended doses in combination with agrochemicals that require a slightly acidic solution.



Low salt index

Due to its low salt index, Biogel minimizes the risk of phytotoxicity, such as leaf burn, compared to other foliar fertilisers.



No animal origin ingredients

The product is made exclusively from plant-based ingredients.



Highly soluble

Biogel is easy to dose and dissolve, allowing for direct application thanks to its rapid solubility.



Pure product

The product contains low levels of heavy metals, sodium, and chloride.

How to use Biogel

Designed for foliar application (can also be used for fertigation), it is best to avoid application during periods of high evapotranspiration and intense sunlight to prevent potential leaf burn. Early morning or late afternoon/evening applications are recommended.

Dosage

The general application rate is 2 to 3 grams per liter. While higher dosages are possible, do not exceed a maximum concentration of 0.5% (5 grams per liter). Use enough water to thoroughly cover the entire foliage. Apply during the active growing season at 10-day intervals, ensuring there is adequate leaf surface area. Apply until drip-off.

Crop	Dosage (kg/ha)	Application timing
Fruits & vegetables	1 - 3 kg/ha	Pre-flowering until fruit ripening
Cereals	1 - 3 kg/ha	From 4 leaf stage until beginning of flowering
Ornamentals	1 - 3 kg/ha	Start at post transplant

Shake well before use.

Rinse equipment with clean water after application.

Do not mix with products containing calcium.

Store in a warehouse at temperatures between 5 and 25°C.

Since the product contains organic matter, it is advisable to use the entire content within 3 days to prevent mold growth that may occur due to contamination inside the packaging.

