

Betakel

Sugar-based nutrient with stimulating and strengthening action



ORGANIC NITROGEN FERTILIZER FLUID VINASSE WITH BETAINES

BETAKEL is an organic fertilizer derived from the processing of sugarcane molasses, rich in potassium, fulvic acids, sugars, and amino acids. Of particular note is the presence of fully available betaine; acting in synergy with nitrogen and potassium, it enhances the plant's response to common limiting factors that reduce productivity, thereby improving resilience against stress conditions, harmful insects, and diseases.

The formulation's rich organic content makes BETAKEL an ideal carrier for nutrient solutions, suitable for use on a wide range of crops (including wheat, soybeans, rapeseed, corn, fruit, vegetables, aromatic herbs, and ornamental plants).

Components included in the formulation:

- Amino acids $\geq 9\%$
- Betaines $\geq 11\%$
- Sugars $\geq 26\%$
- Fulvic acids $\geq 30\%$
- Organic matter $\geq 45\%$
- Increases plant productivity.
- Improves the efficiency of mineral fertilizers.
- Enhances plant resistance to drought and stress.
- Increases tolerance to environmental stress thanks to the presence of natural betaine.
- Adds organic matter to the soil, improving its structure and water-holding capacity.
- Supplies sugars to the soil that nourish microbial life without negative effects on the surrounding ecosystem.

REGISTRATION

SIAN Reg. No. 0028938/20

COMPOSITION (% w/w)

Organic Nitrogen (N) 2.5
Potassium Oxide (K₂O) 4
Organic Carbon (C) 26

PHYSICAL PROPERTIES

pH (1% solution) 6.5
Density (g/ml, 20°C) 1.32
Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

6 kg jug
25 kg jug
1300 kg tank

SHIPPING UNIT

4 x 6 kg jugs
32 x 25 kg jugs; 1300 kg tank

APPLICATION

Foliar
Root/Soil



MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	200 – 300 g/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	30 – 50 kg/ha

Precautions: Shake the product well before use. Conduct preliminary tests if mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +30°C.