

Biofert

GROWTH PROMOTER



ORGANIC NITROGEN FERTILIZER

FLUID YEAST EXTRACT CONTAINING BROWN ALGAE WITH MICRO-ELEMENTS

BIOFERT is an organic fertilizer based on fluid yeast extract and brown algae, designed to promote balanced plant growth. The brown algae and yeast extracts provide high levels of phytohormones, proteins, vitamins, polysaccharides, amino acids, enzymes, and minerals, naturally stimulating the plants' assimilative and metabolic processes. The formulation is rounded out by humic extracts and chelated microelements; the latter are rapidly absorbed, thereby preventing micronutrient deficiencies and avoiding unbalanced vegetative growth that could otherwise lead to reduced yields.

- Promotes balanced plant growth.
- Increases tolerance to water, thermal, and salinity stress.
- Improves crop quality and yields.
- Promotes increased root mass.
- Improves nutrient translocation and assimilation throughout the plant.
- Produces biostimulating substances and boosts the plant's immune system, increasing resistance to diseases.
- Accelerates the conversion of soil organic residues into humus.
- Promotes water retention around root hairs.
- Encourages more abundant and earlier harvests.

REGISTRATION

SIAN Registry No. 0014343/15

COMPOSITION (% w/w)

Organic Nitrogen (N) 2
Organic Carbon (C) 10
Iron (Fe) chelated with EDTA 0.12
Manganese (Mn) chelated with EDTA 0.03
Zinc (Zn) chelated with EDTA 0.03

PHYSICAL PROPERTIES

pH (1% solution) 5.5
Density (g/ml, 20°C) 1.1
Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

6 kg container
25 kg container
1200 kg tank

PACKING

4 x 5 kg containers
32 x 20 kg containers; 1200 kg tank

APPLICATION

Soil application



MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2 – 4 applications throughout the cycle	10 – 15 kg/ha

Warnings: The EDTA-chelated microelements (iron, manganese, and zinc) are stable within a pH range of 4 to 11. Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosage rates. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in a well-ventilated area at temperatures between +5°C and +30°C.