NUTRILIFE

FOR ACTIVATION OF PHYSIOLOGICAL PROCESSES

FIBL – Registered
LV – No. J0.02 – 1718 – 18
NO – No. 8072

BIO ENERGY LT

LABORATORY CERTIFICATE QUALITY CONTROL

APPROVED FOR ORGANIC FARMING

Introduction

Nutrilife will help to enhance the physiological processes of plants and will help to stop the reduction of plants and their parts.

Challenges

Changing climatic conditions are characterized by large fluctuations in air temperature, which puts plants under stress. Due to unfavourable factors (soil condition, meteorological conditions, errors in growth technologies), as a result, crop establishment success is lower compared to optimal indicators. The most effective foliar fertilization is noticed at critical stages of cereal growth and development: germination, seedling development, tillering, stem elongation, heading (ear emergence).

Solution

Nutrilife – plant physiological processes activator.

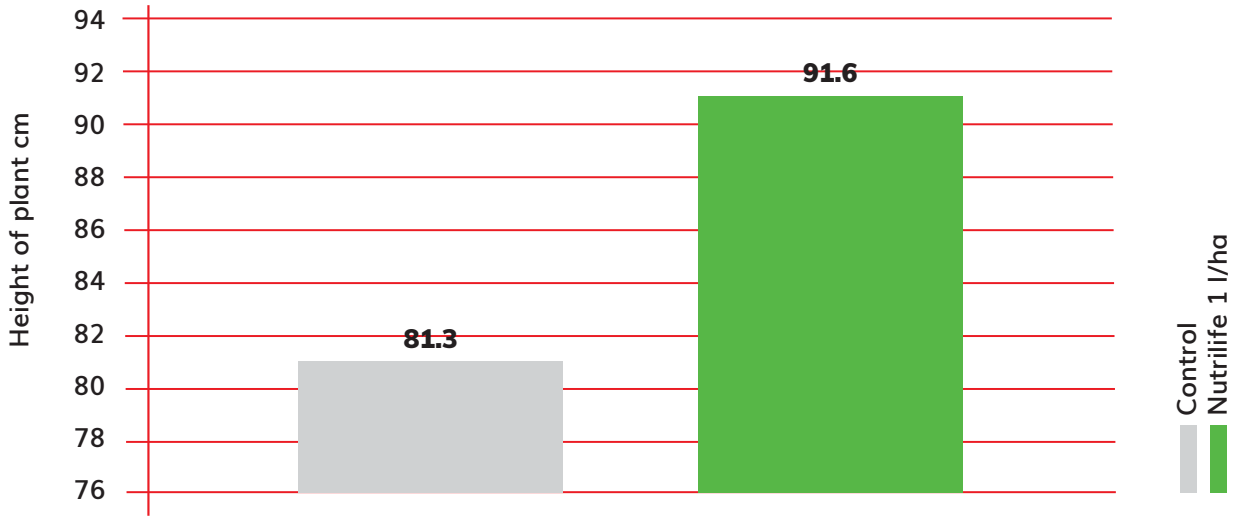
Registration information and certificates
Suitable for: cereals, rapeseed, corn, sugar beet, vegetables, fruit trees, fruit bushes, berries.

Mode of action

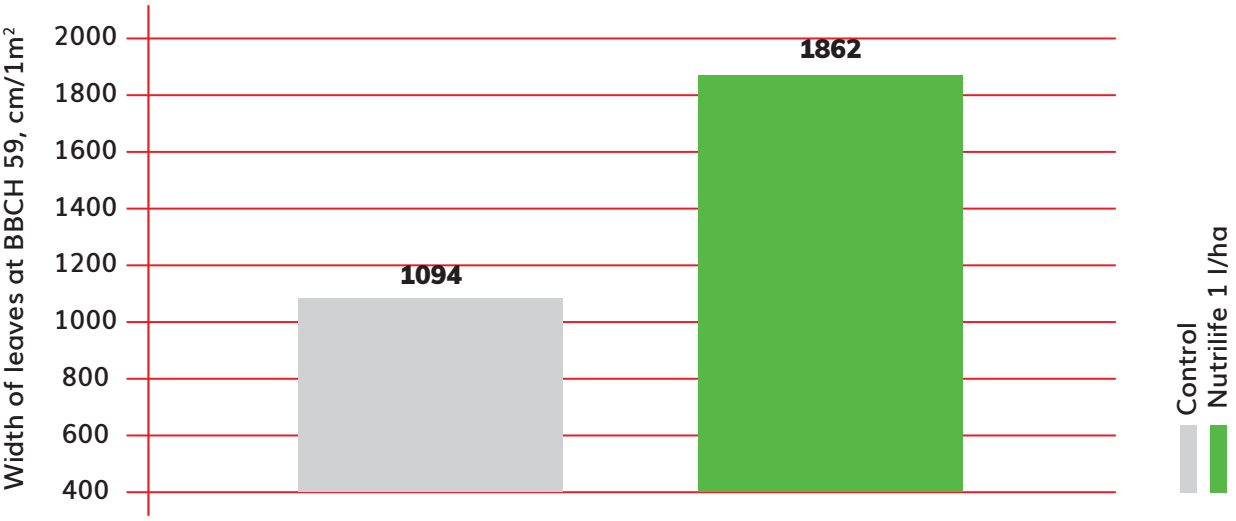
Nutrilife is an organic fertilizer rich in substances of natural origin: proteins, amino acids, enzymes, nucleic acids, phytohormones, micro and macro elements, humic and fulvic acids. The substances not only activate the physiological processes in plants, but at the same time promotes the activity of soil living microorganisms. Nutrilife can be used as soil additive and for foliar application for fast and effective acting.

Benefits and Results

- Improves optimal uptake of nutriments;
- Stimulates development and growth of plant root system and thus ensures genetically programmed productivity of plants;
- Ensures better plant health and consequently better resistance to stress and temperature fluctuations;
- Promotes biological activity of soils.



LAMMC Vezaiciai Branch, W. Wheat, 2019



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Application rate, technology

Application rate: cereals: 1-5 l/ha – BBCH 01-59; rapeseed: 1-5 l/ha – BBCH 01-59; corn, sunflower: 1-5 l/ha – BBCH 01-39; sugarbeet: 1-5 l/ha – BBCH 01-39; vegetables: 1-5 l/ha – BBCH 01-59; fruit trees, fruit bushes: 1-5 l/ha – BBCH 01-59; berries: 1-3 l/ha – BBCH 01-59, on the soil before planting before flowering.

Application requirements: the sprayer pressure must be 1-10 bar or 15-145 psi; nozzle size is at least 50 µm.

Safety and storage: product can be mixed with all kinds of fertilizers and pesticides unless the manufacturer of fertilizer or pesticide states otherwise. May contain natural sediments. Storage at high temperature above 30 °C must be avoided. Use Nutrilife as soon as possible after opening or store in the refrigerator (4 °C) once it is opened and use it within 72 h. Contamination of the product may occur at any time after opening and the manufacturer takes no responsibility for opened and unused product.

Product is non-toxic and has no irritating compounds. There is no risk to humans, animals and the environment. After contact with the skin or eyes, wash with running water.

Specifications

Composition: bioactive compounds, P-2242 mg/l; K-1888 mg/l; Na-1330 mg/l; Ca-691 mg/l; S-356 mg/l; Mg-3.13 mg/l.

Packaging: 20 l; 10 l; 5 l; 1 l.

- **Biological activity: phosphorus release, by changing phosphorus into forms available for plants; free-living microorganism;**
- **Physical state: liquid microbiological product;**
- **Viability, shelf life:**

up to 12 months at +4 to +8 °C;

The manufacturer does not recommend storing the product above +25 °C.

- **Optimal working conditions: from +5 °C soil temperature; 5 to 7.5 pH;**
- **Chemical parameters: dry matter, 2.4%; pH, 4.3; organic matter, 57.4%;**
- **Physical parameters: colour from dark brown to black; dynamic viscosity 0.5 mPa s; density 1.04 g/cm^{-3}.**

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