

ORGALIFE®



The best way is
the natural way

MICROORGANISMS

ORGANIC MATTER

MICRO + MACRO ELEMENTS

ENZYMES

PHYTOHORMONES

HUMIC + FULVIC ACID



www.organikanova.com

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ORGALIFE is a liquid organic microbiological fertilizer prepared from Californian red worms casting base. ORGALIFE fertilizer **secures and balances plant nutrition in an entirely different manner as compared to standard chemical fertilizers.**

CHEMICAL ANALYSES

Organic matter	48.35 %
Total Nitrogen	2.44 %
Total Humic Acid	3.70 %
Total Fulvic Acid (THE)	4.10 %
Phosphorus P ₂ O ₅	2.43 %
Potassium K ₂ O	3.52 %
Dry matter	2.72 %
Calcium Ca	3.80 %
Magnesium Mg	0.98 %
Iron Fe	0.89 %
Manganese Mn	460 mg/kg(ppm)
Zinc Zn	230 mg/kg(ppm)
Boron B	75 mg/kg(ppm)
Copper Cu	<0.1 mg/kg(ppm)
pH	6.83
Electrical conductivity	1625 µS/sm

MICROBIOLOGICAL ANALYSES

Nitrogen fixing	72*10 ⁵ CFU/ml
Cellulolytic bacteria	46*10 ⁵ CFU/ml
Nitrificator bacteria	72*10 ⁵ CFU/ml
Denitrificator bacteria	22*10 ⁵ CFU/ml
Total number of aerobic, heterotrophic, mesophilic bacteria	142*10 ⁵ CFU/ml
Total number of yeasts and moulds	16*10 ⁵ CFU/ml

Laboratory tests have showed micro-biocidal activity on the following plant diseases: rust, mildew, fruit scabbing, Erwinia, alternaria sp., fusarium, botrytis sp, ventilia pirina, verticillium

Why ORGALIFE?

- It is a universal substitute for mineral fertilizers and is suitable for production of organic pure food for both people and animals;
- For a period of one year, at the surface of one hectare, dead microorganisms leave behind 10 tonnes of organic matter;
- It forms fine and loose soil structure;
- Synthesizes (from both air and soil) and retains in soil 120 to 140 kg of nitrogen per hectare (for a period of one year);
- Performs biosynthesis in water of soluble and insoluble polysaccharides, and regulates the water-air system;
- Synthesizes phytohormones (cytokinins, auxins and gibberellins) which improves germination, rooting, growth, and development of plants, whereas the fruit maturation period is reduced by 8-10 days;
- Produces B group vitamins and antibiotics which protect plants against phytopathogenic bacteria, thus reducing the need for use of fungicides;
- Orgalife fertilizer microorganisms transform unavailable nitrogen forms (as well as other elements) from air and soil into easily accessible forms for plants;

Usage: Drip irrigation system, as well as by foliar irrigation through sprinklers, atomizers, by airplane. **Application:** 1-2 litres Orgalife per 1 decare (1000m²). Manner of application: detailed program for each culture on www.organikanova.com. Used in organic (and conventional) agriculture. Not toxic for humans, animal, and bees. **NO OVERDOSAGE WITH THIS PRODUCT.**

Effect of ORGALIFE on fruits and plants

- Increased yield by min. 20%;
- Fruits are larger, with strong colours, and better flavour and aroma;
- Increased percentage of vitamin C in the fruits by 2-7 times;
- Earlier fruit maturity by 5 to 8 days;
- Prolonged freshness of the fruits and improved tolerance to transport;
- Orgalife fertilizer secures and balances plant nutrition;
- Seeds treated with Orgalife sprout faster, are better rooted, and have significantly improved growth and development;
- Plants use nitrogen in a controlled manner; they eventually contain 75% ammoniacal and 25% nitrate nitrogen, which is ideal for each plant;
- Microorganisms stimulate growth and development of plants. They have an effect on increasing the resistance to plant diseases, drought and frost. They reduce the percentage of freezing at extremely low temperatures. Improved tolerance to heat shock temperatures.
- Plants have much healthier and richer developed root system, larger stems, richer canopy, and more leaves;
- **It reduces the use of means for protection during vegetation.**



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