



# Bactovit

**BACTOVIT** is a bio-active growth stimulant and soil conditioner, an all-natural, environmentally safe liquid microbiological concentrate, a ready made product, which only needs to be diluted with water. **BACTOVIT** consists of a mixture of probiotic micro-organisms that increase yield significantly. It improves soil health by stimulating and feeding native microbial life in the soil, which creates a higher yielding crop. When probiotic microorganism cultures are applied to the soil, they stimulate the decomposition of organic waste and residues, thereby releasing inorganic nutrients for plant uptake. It can be used for soil and foliar application. Approved for use in organic **BIO** cultivation.

**Characteristics:** Photosynthetic bacteria, fermenting bacteria, lactic acid bacteria, yeast and actinomycetes.

**Ingredients:** Probiotic microorganisms, sugar sirup, water

## CHARACTERISTICS (TYPICAL FIGURES)

Parameter name	Unit	Method	Indicators
pH	pH unit		6.0 ±0.5
QMAFAnM 35°C	CFU in 1ml	Plate Count Agar	1x10 <sup>6</sup> - 1x10 <sup>9</sup>
Lactic acid bacteria 30°C,37°C		MRS and M17 Agar	1x10 <sup>6</sup> - 3x10 <sup>9</sup>
Yeast 25°C		DRBC Agar	1x10 <sup>2</sup> - 5x10 <sup>7</sup>
Bifidobacteria 37°C		MRS Agar	1x10 <sup>6</sup> - 1x10 <sup>9</sup>

### Product benefits:

- ▶ Improve the nutritional uptake efficiency of plants
- ▶ Improved crop performance
- ▶ Increase seed germination
- ▶ Enrich the soil in residential lawns and gardens
- ▶ Increases yield significantly and improves quality of plants
- ▶ Stimulates plant enzymes
- ▶ Plants are healthier and more resistant towards pest and diseases
- ▶ Improves the soil structure and the water-holding capacity
- ▶ Increases the effectiveness of fertilizers and reduces nutrient especially nitrate leaching
- ▶ Requires less usage of pesticides

**BACTOVIT** increases productivity of agricultural culctures from 30% and more.

### Directions of use:

Can be applied for all agricultural and horticultural plants, fruit trees, ornamental plants, turf and pasture for soil and foliar application.

**Adding to the soil:** Before planting 15 days mixed 1L of **BACTOVIT** with nonchlorinated water and use per 1 ha. If **BACTOVIT** was not used before, then the first year should be used 3 times every 15 days. It is necessary to create colonies of microorganisms in the soil.

**Spraying: 1.** 2 Lt BactoVit Concentrate to mix with 300 Lts of not chlorinated water per 1 hectare. Apply in spraying. For best results use 3-4 times in 15 days interval.



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## For best results:

use 3-4 time at 15 days interval. The joint use of the **BIOMAX** with the **BACTOVIT** gives the maximum result.

- **treatment:** before planting - spraying into soil, rotation into the soil.
- **treatment:** prior to flowering foliar spraying.
- **treatment:** after full flowering plant spraying.

**Storage:** Store 12 month at temperature +5 - +15 C. and away from direct sunlight. The live and active bacteria may cause sediment to occur. This is natural process and does not impact the efficacy of the product. Mix before use.

The usage of **BACTOVIT** have demonstrated the effectiveness on ecosystem improvement of the soil micro flora, promotions of crop root development and recovery of polluted environments. This makes **BACTOVIT** ideal in soil rejuvenation.

**Caution:** When spraying, do not exceed a pressure of 3.4 atmospheres (50 psi). Finish using the solution within 6 hours after mixing with water. Wear a medical mask and goggles when using. Do not freeze the drug.

## APPROVE AND CERTIFICATION:

- BIOKONTROLL HUNGARY
- ÖKO GARANTIE
- IAS ACCREDITED lab.

**See production date on the package.**

**Packaging:** 1L. of plastic bottle,  
10L. of polyethylene can,  
20L. of polyethylene can.