BACTREX
PRODUCT SHEET

Consortium of beneficial soil microorganisms, bacteria and Trichoderma fungi, at a concentration of 1,500,000,000 [CFU/g].

Available in packages of 50 g, 250 g and 1 kg.

Bactrex is a microbial biostimulant made with top-quality raw materials. The pillars of Bactrex are built on the use of highly efficient bacteria and fungi: *Bacillus* and *Trichoderma*. With a content of 1,500,000,000 [CFU/g], Bactrex can be identified as one of the most concentrated products on the market. The *Bacillus* in Bactrex are a selection of beneficial bacteria that naturally inhabit the root zone (rhizobacteria). These organisms work with plants to obtain phosphorus, sulphur, iron, copper and other nutrients. In this way, they act as Plant Growth-Promoting Rhizobacteria (PGPR), which translates into crops with good weight and high yield.

Trichoderma atroviride and *Trichoderma harzianum* are identified as Biocontrol Agents (BCA) and activators of plant defences. They are beneficial fungi that work in close symbiosis with the root, promoting its expansion and protecting it against pests such as *Fusarium* spp., *Rhizoctonia* spp., *Pythium* spp., *Sclerotia* spp., etc. In addition, both *Trichoderma* modulate the plant's hormonal balance through the production of auxins, cytokinins, gibberellins and other plant hormones (phytohormones), which leads to optimal development of all the structures of the plant. Finally, the extra content of plant organic matter and humic substances complements the supply of

nutrients and improves soil properties. All ingredients are carefully selected and packed by BioTabs, to help growers promote the health of their plants and increase the volume and quality of the final harvest.

Product benefits

All the materials in Bactrex act synergistically, providing the following benefits.

· Natural nitrogen fixation.
· Improves plant tolerance to biotic and abiotic stress.
· Promotes lateral and adventitious root development.
· Rapid nutrient availability and consequent promotion of plant growth.
· Progressive improvement of soil properties such as structure, porosity, moisture retention, etc.
· Modulation of the hormonal balance, resulting in optimal development of all the structures of the plant.
· Excellent solubility.
· High-quality raw materials with valid Organic Certification.

Guaranteed analysis

Trichoderma harzianum	350,000,000 [CFU/g]
Trichoderma atroviride	175,000,000 [CFU/g]
Bacillus amyloliquefaciens	525,000,000 [CFU/g]
Bacillus subtilis	350,000,000 [CFU/g]
Bacillus pumilus	350,000,000 [CFU/g]
Humic substances	20%
Organic matter	80%

Directions for use

Use as a microbial biostimulant for vegetables, flowers, herbaceous plants, shrubs and trees.

Dose per plant

Indoor and outdoor cultivation (in pots)

· Dissolve 0.5 g of Bactrex in water and apply through irrigation in the pre-grow pot.
· Then dissolve 1 g of product in water and add it to the final pot with the first watering.
· In the third week of flowering, dissolve 1 g of Bactrex in water once more and apply through irrigation.

Outdoor cultivation (in the ground)

· Add 1 g of Bactrex per litre of water at planting.
· Add 1 g of Bactrex per litre of water once more, three weeks after transplanting.

*Apply Bactrex through irrigation with the usual volume of water per plant. The recommended dose is 1 g of product per 1 L of water.

* 1 g = 1 teaspoon.
* More detailed information in our Organic Growing Chart: www.biotabs.nl.

Cautions and storage conditions

· Store in a cool and dry place.
· Not suitable for human consumption.
· Keep out of reach of children and animals.
· Use the product in a ventilated area and with suitable protective equipment.
· Dispose of used packaging in accordance with local regulations.

Important note

Bactrex is a natural product, its visual appearance may vary. However, this does not affect the quality of the product. Do not mix with aggressive chemical products such as pesticides, synthetic fertilisers and chlorinated water.

Product suitable for use in Organic Farming
in accordance with Regulations (EU)
No. 2018/848 and 2021/1165.
Control Ecocert F-32600.

Approved by ECOCERT INPUTS

BIO TABS.NL ORGANIC GROWING

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