

Ingredients: Nitrogen (N) 1.1%, Phosphorus (P₂O₅) 1.0%, Potassium (K₂O) 1.2%, Mono- and Oligosaccharides, Concentrated Enzyme Extracts, Dextrose, Amino acids, Micronutrients, Organic Chelating Agents, Organic Natural Wetting Agent

Bactamin is a composite product that combines the properties of a growth stimulator, an organic foliar fertilizer and a microbial inoculant. **Bactamin** contains beneficial microorganisms in the endospore form that occur naturally on the leaves, shoots and rhizosphere of most plant species. The rich in nutrients substrate of **Bactamin** is an ideal food source both for the microorganisms and for the plants. Specifically, the substrate of **Bactamin** contributes to the stimulation of endospores and the proliferation of bacteria. As soon as endospores fall on the leaves they germinate and the bacteria that arise start to proliferate and decompose the organic compounds of **Bactamin** releasing mineral nutrients readily assimilated by plants. In parallel microorganisms form protein metabolites that fortify the resistance of plants in periods of stress.

Except for microbial inoculant, **Bactamin** is also an excellent growth stimulator which contributes to the acceleration of the biological processes that take place in the aboveground part of plants and trees. The nutrient substrate of **Bactamin** offers macro and micronutrients and trace elements as well as other substances (amino acids, sugars, organic chelating agents) to plants ensuring nutrition and vigour of the crops. It is absolutely sure that **Bactamin** can increase the crop yield and consequently the farmer's income.

MIXING INSTRUCTIONS AND COMPATIBILITY: **Bactamin** must not be mixed with very acid or alkaline products (pesticides, fertilizers, additives). Apply at least 7 days after the application of any bactericide or copper product. If you are not sure about the compatibility of the products you would like to mix, follow the mixing instructions written on the label of the rest of the chemical products. Apply all of tank mix solution on the same day. The addition of a wetting agent or additive is not necessary.

STORAGE: The product should be stored at normal room conditions (25°C). IT MUST NOT FREEZE. Keep out of direct sun light or any heat source. After use do not allow the lid open. **Bactamin** must be used no later than 15 days after opening the package. Empty containers should not be reused. **USE AND APPLICATION:** **Bactamin** is applied foliarly by spraying thoroughly the entire leaf area, while in vineyard is recommended to spray also the bunch of grapes. The number of the required applications depends on the crop, the conditions of the region and the condition of the plants. Follow the spraying program that is recommended per crop in the following table.

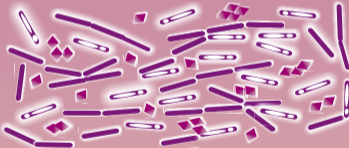
Bactamin can be applied even on the day of the harvest. It is important that the applications are conducted in the evening (just before sunset). In case of rain after the application (5-7 days after spraying) it is recommended to repeat the spraying. **PRECAUTIONS:** If swallowed, induce vomiting and contact medical help. In case of contact with skin or clothes, wash thoroughly with water and soap. In case of contact with eyes, flush with plenty of water. If irritation remains get medical attention. **Keep out of reach of children.**

MICROBIAL INOCULANT - GROWTH STIMULATOR - LIQUID FOLIAR FERTILIZER

Bactamin

NPK 1 - 1 - 1

Contains beneficial microorganisms in populations of 1×10^{12} cfu per liter (cfu: colony forming units)



Net Content: 250 CC

Produced by:



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RECOMMENDED APPLICATION RATES PER CROP

Crop	Application rate	Application timing
Vegetables (tomato, pepper, eggplant, cauliflower, cabbage, lettuce, leek etc)	1 l per ha in 500-1,000 l of water	Apply at early bloom. Repeat every 7-10 days.
Vineyard	0.8 l per ha in 1,000 l of water	Apply just prior to flowering, during bloom insemination, when the berries are small and during ripening.
Olive	1 l per ha in 2,000-3,000 l of water	Apply before blooming, at the start of full bloom and 7-10 days after the 2 nd spray.
Citrus	1.5 l per ha in 2,000-4,000 l of water	Apply at early bloom. Repeat after 7-10 days.
Pome fruits	0.75 l per ha in 1,000-2,000 l of water	Apply at early bloom. Repeat after 7-10 days.
Stone fruits	0.75 l per ha in 1,000-2,000 l of water	Apply at early bloom. Repeat after 7-10 days.
Nut trees	0.75 l per ha in 1,000-2,000 l of water	Apply at early bloom. Repeat after 7-10 days.
Forest trees	1 l per ha in 2,000 l of water	Apply in September, in mid spring (April-May) and in early June.
Cotton	0.5 l per ha in 500-700 l of water	Apply in late July and repeat 1-2 times every 10-15 days.
Corn	1 l per ha in 500-1,000 l of water	Apply at 15-20 cm growth, at 25-35 cm growth and prior to tasseling.
Ornamentals	1-1.5 l per ha in 1,000-2,000 l of water	Apply at early bloom and repeat every 10-15 days.

SHAKE WELL BEFORE ANY USE

Date of production: