

FOR PLANT NUTRITION

Bacterial spore
suspension for soil

Grow
BIOMAS

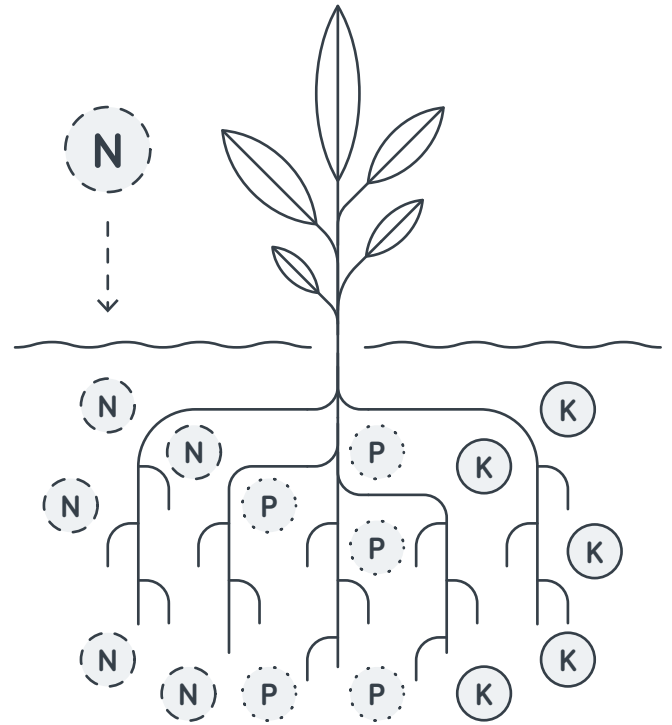


Nutrients from the environment.

For initial development, plants use the nutrients from the seed, but later, plants start to use nutrients from the soil. When using specific bacteria for plant nutrition, you ensure that there will be enough nutrition elements in the soil for plants throughout the whole vegetation.



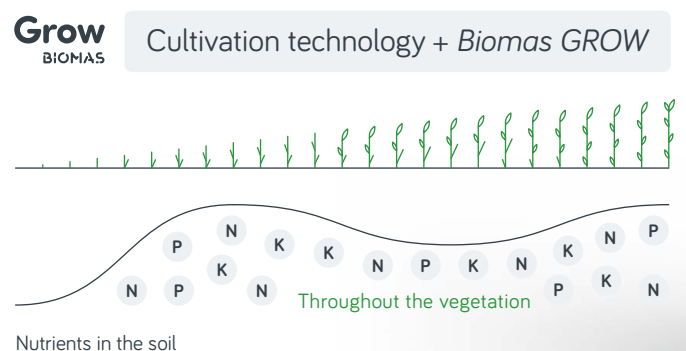
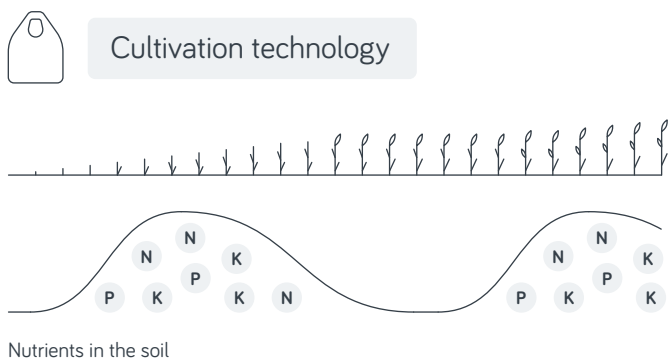
A few weeks after applying *Biomass GROW*, you will notice a better development of the rootstock visually. We run field trials of our products at the Lithuanian research centre for agriculture and forestry, Institute for Agriculture. Also, we run tests in large areas in Lithuanian farms. Trials show that the use of *Biomass GROW* determines the yield increase by 7-9% or compensates for a 23% reduction of fertilizers (during the entire growing season with all elements N, P, and K).



Thanks to *Biomass GROW* bacteria, some of the nutrients most important for plants can be taken from the environment and fed to plants. If nutrition-function bacteria inhabit plant roots in the soil, plants provided with nutrition elements throughout the whole vegetative period, therefore, become more productive.

How is the effect of *Biomass GROW* bacteria different from fertilizers?

After applying fertilizers, they begin to deplete - their amount in the soil decreases fast. Contrary to fertilizers, *Biomass GROW* bacteria multiply in the root zone and constantly replenish N, P, and K when the plant needs them. Therefore the plant does not suffer from a lack of nutrients.



How does *Biomass GROW* work?

Biomass GROW bacteria fix nitrogen (N) from the atmosphere in the soil and dissolve phosphorus (P) and potassium (K) from insoluble and unavailable compounds for plants in the soil.



Registered in the European Input List for organic production



The benefits of *Biomass GROW*.

- 1 A larger rootstock forms, which increases the suction power of nutrients of the roots.
- 2 When used in the fall, winter crops accumulate more nutrients for the winter.
- 3 In spring *Biomass GROW* helps plants recover from winter and form higher yields.
- 4 Due to its spore composition, *Biomass GROW* is resistant to external influences – UV and other environmental conditions.
- 5 Hundreds of tests and scientific research since 2016 have confirmed the efficacy.

Results published at www.bioversio.com

23%
COMPENSATES OR
THE REDUCTION OF
FERTILIZERS

Using *Biomass GROW* farmers can compensate for 23% of the fertilizer reduction throughout the growing period of main elements - P, K, and even N already in the first season of using *Biomass GROW*.

or

7 to 9%
CROP YIELD INCREASE

Without changing your cultivation technology and adding *Biomass GROW*, you will get a 7-9% crop yield increase.



How to apply?

✱ In WINTER crops

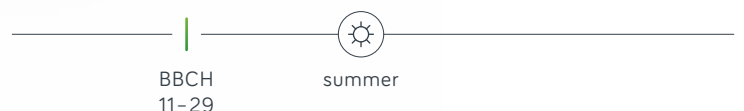
- 1 **Application in Autumn**
Spraying crops as early as possible after germination (2-3 true leaves).
Dose - 0,1 l/ha
If seed treatment is possible, dose - 0.4-0.6 l/t

- 2 **Application in Spring**
Spraying crops when the vegetative stage continues to develop, as early as possible, to enter the field.
Dose 0,1 l/ha



☀ In SPRING crops

- 1 **Application in Spring**
Spraying crops when the vegetative stage continues to develop, as early as possible, to enter the field. Dose 0,1 l/ha
If seed treatment is possible, dose - 0.4-0.6 l/t, beans crop dose - 0.3-0.4 l/t



Important to note:



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