

# GENPLUS

January 2025

## Characteristics of the preparation

General stimulation of the growth and production of vegetables and fruits

## Product type

Biofertilisation. Microbiological fertiliser product.

## What plants can this preparation be used on?

Virtually all; especially tomatoes, peppers, strawberries, raspberries, other soft fruits and all vegetables.

## What is GENPLUS?

GenPlus is an ecological preparation intended for bio stimulation of the growth, development and yield of various types of plants. The preparation is especially recommended for growing nightshade plants (peppers, tomatoes, potatoes), where significant improvements in crop quality are observed (increase in vitamin C and  $\beta$ -carotene concentration).

## The task of preparation

Stimulation of plant growth and development. The GenPlus can be used as a seed treatment covering the seed material or as a bio-additive introduced into liquid mineral or organic fertilisers or water distributed in a fertigation system. The preparation can also be combined with lime or other dry fertilisers.

## How to apply the preparation?

The product should be diluted in a ratio of 1:100 to 1:1000, depending on the frequency of use. In continuous fertigation systems 1:1000. It can also be used as a foliar fertiliser - dilution 1:100 - 1:500. For periodic use, dilute 100 times.

## How does the preparation work?

After introducing the preparation into the soil, the bacteria contained in GenPlus synthesize plant hormones and other active substances, promote plant growth and yield. The action of GenPlus is based on natural metabolic processes - the use of the preparation does not carry the risk of over-fertilisation. GenPlus stimulates the growth and development of plants, increases yields, and improves plant rooting. The preparation is natural and safe for the environment.

## **When to use the preparation?**

The product can be used from plant emergence until the end of vegetation, continuously (fertigation) or periodically every 7-14 days.

## **Description of the process after using the preparation**

When spraying soil or leaves, the product should be diluted in a sprayer and sprayed. In the case of fertigation, connect the product container to the water dosing pump and set the dispenser in such a way as to obtain the recommended dilution.

## **Expected effect of application**

Significant increase in plant growth and yield, improved fruit quality, colour and biochemical parameters, e.g. increase in the concentration of vitamins and carotenes.

## **When the expected effect will occur**

The effect is observed several days after use.

## **Risks and contraindications of use of the preparation**

There are no contraindications. Do not use excessive amounts, as this may lead to clotting of pores in the soil.

## **Using the preparation with traditional fertilisers – recommendations**

Can be combined with other fertilisers.

## **Economics of use - impact on reducing production costs, e.g. lower amount of fertilisers**

Significant increase in yields, increased crop profitability, improved plant health and vigour, with reduced risk of diseases.

## **Storage (storage conditions)**

Store in a dry place at a temperature of -5 to +30 degrees Celsius (-23°F to 86°F), avoid direct sunlight, protect from unauthorized persons, especially children.

## **Expiration date of the preparation**

2 years from the production date.

## **Composition of the preparation**

Product only in liquid form. It contains 3 strains of Bacillus bacteria (concentration  $3 \times 10^9$ ) and their metabolites, including: phytohormones, amino acids, growth stimulants, organic acids and small amounts of minerals. A product with properties that stimulate the growth and yield of plants. Intended for use in fertigation systems or as foliar fertiliser. The product is completely safe for humans and animals, approved for use in organic farming.

## **Other relevant information**

The product is completely safe for humans and animals, approved for use in organic farming.