



PGP4

Agricultural Inoculant



PGP4 utilizes four all-natural bacteria strains to enhance beneficial microbes in the soil as well as improve nutrient and water uptake in the plants. Increased plant germination and crop yield with PGP4 helps you reach more people while minimizing the negative environmental impact.

Genus and function

Bacillus

Enhanced nitrogen solubilization
Increased tolerance to abiotic stress (eg. drought)

Pseudomonas sp.

Biofilm production
Suppress pathogenic microorganisms

Pseudomonas sp.

Enhanced phosphate solubilization
Suppress pathogenic microorganisms

Pseudomonas sp.

Plant growth hormone production (auxins)

General Information

PGP4 is a water soluble microbial inoculant containing plant growth bacteria, including three strains of the genus *Pseudomonas*. PGP4 increases the uptake of soil nutrients, increasing crop yield and growth, and inhibits crop disease. With continued use, soil quality is improved and applied fertilizer efficiency is enhanced.

Recommended Application Rates

PGP4 application instruction per 1 acre of crop:

- Mix PGP4 to a concentrate at a ratio of 25 g of PGP4 per 2500 mL of water.
- PGP4 must be used within 1 day after the addition of water to ensure optimal microbial activity.
- Suggested application time(s): At seedling transfer stage and 6 weeks thereafter.

Product Storage

Keep out of reach of children. Store in a dry place between 5°C and 20°C (41°F and 68°F).

