

Biopreparations to protect plants against bacterial infection

About technology

One of the main challenges in the commercial use of **biological plant protection products** (biopesticides) is their preparation for application under field and industrial conditions. The most important ingredient in any product of this type is the **active ingredient** (in biological pest management, most often: a microorganism or microorganisms), but the active ingredient alone is **often insufficient**

Commercially available biopreparations come in the form of :

- Granulate,
- Powder,
- Liquids.

The **invention** relates to **biopreparations** comprising a composition of microorganism(s) – as active substance and additives in bulk form with selected bacterial strains. The invention makes it possible to **maintain** the **viability** of the **microorganisms**, which are plant bioprotectants, during long-term storage.

The invention is applicable for the **protection** of plants **against** diseases especially **bacterial diseases**, e.g. caused by bacterial pectinolytic pathogens of the genera *Pectobacterium* and *Dickeya*.



TRL 4

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IP Protection

The invention is the subject of polish patent protection **Pat. 238148**.

Implementation progress

TRL 4 –Technology validated in laboratory conditions

Cooperation opportunities

- Licensing agreement
- Transfer of ownership
- Spin off