

GAUPSIN BIOPREPARATION FOR PLANT GROWING



Areas of Application

GAUPSIN complex biopreparation is used for protecting grain, industrial, vegetable, and fruit-and-berry crops from pests and disease agents in agriculture and forestry. It is applied to treat seeds and planting material and to spray plants after vegetation. It is also effective for treating crops before stowing

Specification

It contains two strains of *Pseudomonas chlororaphis* subsp. *Aureofaciens* UCM B 111 and UCM B-306. The preparation is a cultural liquid of both strains taken at a certain concentration and obtained as a result of their joint cultivation.

GAUPSIN is compatible with chemical substances, except for those containing mercury and copper. It can be used in tank mixtures with chemical agents for plant protection

Stage of Development. Suggestions for Commercialization

IRL8, TRL9

Under the terms of license agreement, the microorganism strains and specifications are delivered. Advice can be provided

Advantages

The preparation has a highly effective entamopathogenic, antifungal, antibacterial, and antiviral action; it stimulates enhancing plant resistance to drought by 30–50%. *GAUPSIN* relieves the adverse effects of stress factors, drought and chemical burns, on the plants

IPR Protection

IPR3

Contact Information

Lilia V. Avdeyeva, D.K. Zabolotny Institute of Microbiology and Virology of the NAS of Ukraine; +38 044 526 24 09, e-mail: avdeeva_liliya@ukr.net