

## AVERCOM COMPLEX BIOPREPARATION FOR PLANT GROWING



Greenhouse planting of cucumbers by common method (control, to the left) and with the use of AVERCOM

### Areas of Application

AVERCOM is biopreparation with insecticidal, acaricidal, and nematocidal contact action for plant protection against pests. It has shown plant protective, growth-stimulating, adaptogenic, and anti-stress properties. AVERCOM is recommended for obtaining environmentally safe and organic products. There is an option of soil sanitation by treatment with AVERCOM

### Specification

The biopreparation is based on biologically active substances synthesized by soil streptomycete *Streptomyces avermitilis*. The product includes avermectin complex, amino acids, B vitamins, lipids, phytohormones, and a polysaccharide of biological origin as elicitor, which enhances its phytostimulating and immunomodulatory effects. AVERCOM is compatible with agricultural chemicals and microbial biopreparations. The product shelf life is 2–3 years at a temperature ranging from  $-10^{\circ}\text{C}$  to  $+30^{\circ}\text{C}$ . The product meets health and safety standards and has no sensitizing or mutagenic effects. It is rapidly decomposable, which prevents the accumulation of avermectin in seeds, fruits, and soil

### Advantages

The biopreparation differs from the known counterparts by content of avermectins with antiparasitic, acaricidal, and nematocidal action and biologically active substances of phytoprotective, adaptogenic, and growth-stimulating action of natural origin. The absence of chemical modifications in the biopreparation enables to avoid appearance of resistance in pests

### Stage of Development.

#### Suggestions for Commercialization

IRL8, TRL9

Microorganism strains and specifications can be provided under the terms of license agreement

### IPR Protection

IPR3

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