

RESEARCH ON BIO-GEL FUNGICIDAL PROPERTIES

The following types of plant pathogenic micromycetes (microscopic fungi) were studied in the research: *Fusarium oxysporum*, *Alternaria alternata* and *Botrytis cinerea*.

The fungicidal and fungistatic action of BIO-GEL has been experimentally proved for a number of diseases caused by fungi-phytopathogens: *Fusarium oxysporum* (vascular wilt), *Alternaria alternate* (dry (early) spotting), *Botrytis cinerea* (gray rot agent). The results of the experiments classify BIO-GEL as a medium range fungicide. In addition it is an effective "nutrition" for beneficial bacteria and soils, which increases the resistance of plants to bacterial diseases. BIO-GEL use can be promising, especially as a prophylactic product to prevent the emergence and spread of numerous diseases based on fungi-phytopathogens.

The figures show the BIO-GEL effect on the main plant fungal diseases:

Fusarium oxysporum



Alternaria alternate



Botrytis cinerea

