

The invention relates to microbiology and biotechnology, in particular to a strain of *Trichoderma atrobrunneum* fungi, which has antimicrobial properties against a wide range of phytopathogens and can be used for biological protection of plants.

The *Trichoderma atrobrunneum* CNMN-FD-25 fungal strain has antimicrobial properties against *Aspergillus niger*, *Alternaria alternata*, *Botrytis cinerea*, *Fusarium solani*, *Fusarium oxysporum*, *Bacillus subtilis*, *Xanthomonas campestris*, *Corynebacterium michiganense*, *Agrobacterium tumefaciens*, *Erwinia carotovora* phytopathogens.

The technical result of the invention consists in increasing the activity against phytopathogenic fungi by 26-30% and providing an antibacterial activity against a wide spectrum of phytopathogenic bacteria.

Claims: 1