

EUROINVENT 2021

MD.81.

Title

Medium for lyophilization of fungal strains of the genus *Trichoderma*.

Authors

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The invention relates to biotechnology, namely to a medium for lyophilization of fungal strains of the genus *Trichoderma* and can be used for conservation and long-term storage of fungal strains. The medium, according to the invention, comprises, %: glucose - 7, Fe₂ZnO₄ nanoparticles - 0.0005 and skim milk - the rest.

**Description
EN**

Advantage: The result of the invention consists in increasing the viability of fungal strains after lyophilization and after storage in lyophilized state.

Applications: Microbiology, Biotechnology.
The inventions were created based on scientific results obtained within the project 20.80009.7007.09 „Conservation and exploitation of microbial biodiversity as a support for the development of sustainable technologies and agriculture, integration of science and education”, funded by National Agency for Research and Development (NARD), Republic of Moldova.

Class no.

3. Agriculture and Food Industry.