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The invention relates to biotechnology, particularly to a process for cultivation of fungus strain *Trichoderma koningii* CNMN-FD-15.

The process, according to the invention, provides for the preparation of a strain spore suspension grown for 12...14 days on a slope agar medium, addition in sterile conditions of ZnO nanoparticles of a size of 29 nm in a concentration of 0.005% with stirring for 1...2 min, inoculation of the suspension into a nutrient medium in a concentration of 10% vol. and deep cultivation at a temperature of 28...30°C with continuous stirring at 180...200 rev/min for 240 hours, at the same time the nutrient medium contains, g/L: wheat bran – 2.0, soybean meal – 1.0, CaCO<sub>3</sub> – 0.2, (NH<sub>4</sub>)<sub>2</sub> SO<sub>4</sub> – 0.1 and drinking water the rest.

Claims: 1