

a 2008 0186

The invention refers to biotechnology, particularly to a process for cultivation of mushroom *Pleurotus ostreatus* (JACQ.:FR) KUMM. – producer of carpophores and can be applied in mushroom growing.

The proposed process includes preparation of the nutrient substrate from corn vegetal mass, inoculation thereof with mushroom culture, incubation and growing. At the same time as vegetal mass are used corn stems which are subjected to lactic-acid fermentation by ensilage in trenches, and before inoculation the substrate is drawn out from the trenches and kept in bulk during 2...3 days, afterwards to the mass is added 5...6% of calcium sulphate and incubation of substrate is carried out at the temperature of 19...25°C, and growing is carried out at the temperature of 12...16°C, the humidity of 80...90% and lighting of 50...100 lx during 12 hours/day.

Claims: 1