

s 2018 0093

The invention relates to biotechnology, microbiological and combined feed industry, in particular to a process for producing a proteic feedstuff from cereal raw material.

The process, according to the invention, comprises grinding of cereal raw material to a particle size of 60-160 μm , mixing with electrolyzed water with pH 5.0-6.0 in a ratio of 1:8, heat treatment at a temperature of 50°C and 95°C for 40 and 60 min accordingly, cooling, addition of 0.5% ammonium sulfate, 0.0005-0.001% squalene and 10% vol. suspension of *Saccharomycopsis fibuligera* Y-436, Y-310 or Y-3875 yeast, cultivation in aerobic conditions at a temperature of 28°C for 24-48 hours, with subsequent drying of the resulting proteic stuff.

The result of the invention consists in accelerating the yeast growth, increasing the biomass by 1.4-2.3 times, the total weight of the stuff by 1.2-1.4 times and the protein content by 7.0-23.5%.

Claims: 2