

METHOD OF MANUFACTURE OF FORAGE OF SECONDARY RAW MATERIALS, PRODUCED BY THE RICE PROCESSING INDUSTRY

Abstract

A method for producing feeds from rice processing industry waste involves grinding a plant matter and subjecting same to biofermentation treatment using an active culture of *Trichoderma lignorum*. The main plant matter used is rice hulls and rice flour, which is ground to 0.2-0.5 mm and then hydrothermally treated at a temperature of 110-120°C to a moisture content of 50-60% at a pressure of 1-2 atm for 1.5-2 hours. A biofermentation mass ("*Trichoderma lignorum* 19") is added to the plant matter in an amount of 5-15% of the mass of the raw material undergoing processing. The mixture is directed to a sealed bin for implementation of a microbiological process of impregnation and build-up of protein mass for 24-48 hours. The resulting biomass is dried at a temperature of 50-60°C to 13-14.5% moisture content to produce a finished product.

[No Figure]