

The invention relates to the field of primary processing of bast crops, including the technology of fiber, and can be used in lonopererobniy industry.

The task is to create an environmentally friendly and economical way to obtain bast fibers of flax oil, a process that can improve the quality and reduce the time the process of obtaining the fiber by treating a solution of enzymes. The task is solved in that in a method of obtaining fiber from the bast of flax oil soaking was carried out for 30 minutes at a temperature of 40-50 ° C in a solution containing enzymes pektotoetidin, ksylanazu and surfactant Kolovet C at pH 5, then conducting spin, rinse with warm water with a temperature of 40 ° C and cold water with a temperature of 20 ° C, drying and processing to tipalno-carding equipment.

The application process for the production of fiber from the bast of flax oil provides a clean fiber without specific odor, low cost by using low concentrations of enzymes in solution and low temperatures during processing, during further processing is possible to obtain cellulose semi-finished products and composite materials, and other consumer goods with high quality. Additional advantages of using this method is that the resulting fiber-free and lignin have a low content of pectin, against a high content of cellulose is more lighting.