

RESEARCH ON THE OPTIMIZATION OF THE INDUSTRIAL HEMP CULTIVATION TECHNOLOGY FOR THE FULL USE OF BIOMASS

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Abstract

The main purpose of the research was to identify the optimal technology for cultivating industrial hemp, so that the obtained biomass can be fully processed at the farm level, without special equipment in this regard. The variety used in the experiment was Zenit, created by the Agricultural Research and Development Station Secuieni, Neamt county. Within the cultivation technology, three technological variants were tested: uncut plants, plants cut once and plants cut twice ("Secuieni" method of hemp cultivation). The optimal technological variant for the full use of hemp biomass was the cultivation technology with a single cut, where the production of grains and biomass ensured the best economic efficiency of the hemp culture.

Key words: hemp yield, biomass, processing, efficiency
