



The study of the variability of some features for some of the potato lines created at Agricultural Research and Development Station of Suceava

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The creation of some potato genotypes with a high genetic homeostasis, that could confer a greater adaptation capacity to the variation of the vegetation conditions, an increased resistance to the attack of the pathogen agents and notable performances concerning the main quality features, represents the reaching objectives in the potato amelioration laboratory from ARDS of Suceava. Having into consideration the dependence of the culture profitableness, the performances of the potato genotypes, the importance of creation some autochthons advanced cultivars, having into consideration not only the numerous restrictions imposed by the market economy but also the massive import of potato advanced cultivars. Although the tubers rated capacity depends on some factors, the role of the genotype in levels modification of the harvests is uncontestable, because the genetic structure depends in a great extent on its capacity attenuate the limitative effects of some vegetation conditions that are less favorable.