



Cercetari cu privire la valorificarea terenurilor slab fertile din Podisul Central Moldovenesc prin culturi furajere anuale

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The improvement and revaluation of weakly fertile fields from Central Moldavian Plateau represent a main objective for sustainable agriculture, especially that a great part of weakly fertile arable fields are situated on slopes, submitted to erosion processes, salinization or acidification. These phenomena have determined with time the improper utilization or abandoning of these fields. This paper presents some opportunities of revaluation of these fields, watching two main directions: the opportunity of identifying some annual fodder species which reevaluate efficiently these areas; establishing an optimum fertilization system with manure or complex fertilizers, for the improvement of these fields fertility. The results obtained after the experiments conducted at Ipatele – Iași, pointed out the superior revaluation of weakly productive fields, by using spring vetch, silage maize and Sudan-grass with organic fertilization at rates of 40 t/ha manure, each year. (5.4 t/ha DM; 6.1 t/ha DM; 5.5 t/ha DM),