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

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The reevaluation of weakly fertile fields from the Central Moldavian Plateau is a present and future necessity, having in view that in Romania there are almost 4.9 million ha of permanent grasslands, about 0.8 million ha temporary grasslands and over 5 million ha of weakly fertile arable lands, situated on slopes, submitted to continuous erosion and degradation by salinization or acidification. These phenomena have determined with time the improper utilization or abandoning of these fields, because they do not give good fodder yields or efficient crop yields. The results obtained after the experiments pointed out the superior revaluation of weakly productive fields, by using species Onobrychis viciifolia, Medicago sativa in single crop or in mixture with perennial grasses, as simple mixtures (7.9-8.5 t/ha DM, 7.4-8.9 t/ha DM, respectively, 5.9-7.7 t/haDM), with organic fertilization at rates of 20-40 t/ha manure, each year.