



Cercetări referitoare la folosirea sustenabilă a unor pajiști montane de Festuca Rubra (M-tii Cindrel)

SIMA N., ROTAR I., Roxana VIDICAN, Fl. PACURAR, Mariana RUSU - USAMV Cluj-Napoca
Emilia COSTIN - Institutul de Montanologie Cristian, Sibiu

The big pastures surface from Cindrel Mountains represents an important resource of food for animals breeders. Festuca rubra pastures, from these mountains, were set up on acids soils wich influences in the negative way yields quality and quantity. Thus the necessity of sustainable and productive agriculture application become obvious. On this sence, since 1998, in experimental field Păltiniș (Cindrel Mountains), at an 1348 height, on an brown acid soil (V %-35, pH-5,09) was set up an experiment with 5 variants. They include different treatments (organic fertilization, mineral fertilization, unfertilized) each of on CaCO₃ and without CaCO₃ application conditions and in 4 blocks. The purpose of these treatments is to improve chemical features of soil (V %, pH) and to obtain good qualitative and quantitative yields by change of pasture species. On this paper we are presenting V(%) index variation after 4 years of applied treatments and his implication on vegetation.