

# THE ORGANIC FERTILIZATION AND MULCHING FROM BEAR MEADOWS

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## Abstract

The organic fertilization could be a realistic management method of the grasslands while a strong decrease of animal number takes place in Romania. The combined and long term effect of organic fertilizers upon the dry matter is rather known, but the influence upon the plant diversity is less studied. This papers' objective is to present the effect of low manure quantities combined with mulching (low-input) upon the floristic composition and dry matter yield. The study was performed in the Poienile Ursului (Apuseni Mts.) with 7 variants in 5 replications. The input effect is very low noticed at the DM yield level, and the differences do not show statistic insurance. A similar situation is seen at the floristic composition, where the same grassland type is noticed in case of all experimental variants.

**Key words:** organic fertilization, diversity, technological inputs, mulching

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