

INFLUENCE OF FERTILIZATION ON FORAGE QUALITY OF THE SIMPLE MIXTURES BETWEEN *Bromus inermis* Leyss. AND *Onobrychis viciifolia* Scop.

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Abstract

Temporary meadows are an important source of feed through both productivity and the quality of the forage obtained. Biomass quality obtained from temporary grassland is influenced by component species, their proportion in the mixture and by management system and use. The results of the study conducted revealed that the mineral fertilization achieve a higher quality forage, mainly influenced the type of mixture used and dosage. Thus, the highest content of crude protein, of 17.7 % (g·100 g⁻¹ DM), was recorded in the mixture *Brous inermis* Leyss. 25% + *Onobrychis viciifolia* Scop. 75%, fertilized with N₁₀₀P₁₀₀, the difference compared to the control is very significant.

Key words: temporary meadows, CP, NDF, ADF, RFQ
