

## THE CURRENT SITUATION OF THE ROMANIAN GRASSLANDS AND THEIR MANAGEMENT AT THE EUROPEAN LEVEL

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**Abstract.** *The paper summarizes the current situation of permanent grasslands in Romania concerning the productivity and animal load. Due to the advanced state of degradation on the about 5 million ha, the current animal load reaches 0.3 LU/ha, due to the lack of fertilization with organic and chemical fertilizers, the invasion of harmful grassy and woody species, abandonment, minimum works of maintenance, etc. Through adequate management measures, the productivity of the grasslands and their animal load can increase at least three times in order to join the European developed countries from this point of view.*

**Keywords:** permanent grasslands green grass production, animal load, adequate management

### 1. Introduction

Romania's permanent grasslands, covering an area of almost 5 million ha, represents one of the most important renewable natural resources which deserve a high attention regarding biodiversity and optimal valorisation as complete as possible (Anghel et al., 1967, Motcă et al., 1994) [1, 7].

Before going into the essence of the problem expressed in the title, the question arises why such an analysis is necessary and for what is it used for?

Over the centuries, the natural conditions and the management of the pastoral fund in each country has left their mark on the biodiversity of the meadows.

In order to enrich and maintain biodiversity in Romania, the EU bodies have decided to pay substantial funds, especially since the primary grasslands (alpine, subalpine, forest-steppe and steppe) and the secondary ones after deforestation, because the countries with a high developed animal husbandry have suffered profound changes through reseeding and intensive fertilization.

In addition to biodiversity conservation, a high important has also the productivity of the permanent grasslands, respectively greengrass production and forage quality for animal husbandry (Pușcaru-Soroceanu et al., 1963, Bărbulescu, and Motcă, 1983, 1987) [9, 2, 3].

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