

**INFLUENȚA ÎNGRĂȘĂMINTELOR MINERALE ASUPRA  
STRUCTURII ORGANELOR VEGETATIVE DE LA UNELE  
LEGUMINOASE ȘI GRAMINEE FURAJERE**

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THE INFLUENCE OF MINERAL FERTILIZERS ON THE VEGETATIVE ORGANS STRUCTURE OF SOME FODDER LEGUMINOUS AND GRAMINEOUS PLANTS. The authors investigated how the mineral fertilizers made of N, P and K affect the anatomic structure of several fodder plants (leguminous and gramineous). High amounts of N entirely applied enhance the development of less valuable gramineous species (*Agrostis tenuis*) but harm the fodder leguminous in the meadow (*Trifolium pratense*). Among the the species histologically and anatomically investigated, *Poa pratensis* and *Festuca rubra* are the most favored by the azotous fertilizer. The variants where a high amount of N was applied entirely show the highest amount of tissues easy to digest by animals.

*Key words:* anatomy, mineral fertilizers, fodder plants.