

BIOLOGICAL AND NUTRITIONAL VALUE OF THE GENUS *Medicago* L. IN THE CONDITIONS OF THE REPUBLIC OF MOLDOVA

Alexandru TELEUȚĂ¹, Victor ȚÎȚEI¹

e-mail: director@gb.asm.md

Abstract

We investigated the biological peculiarities, productivity, biochemical composition and nutritional value of the natural fodder of species of the genus *Medicago* L., *M. falcata* L., *M. varia* Mart., *M. tianschanica* Vass., *M. agropyretorum* Vass., *M. cancellata* M.B. and *M. glutinosa* M.B., *Medicago sativa* L. was used as control. It was found out that, at the first mowing, the species *Medicago tianschanica*, *Medicago varia* and *Medicago agropyretorum* have a productivity of 2.00-2.14 kg/m² exceeding by 22-27% the control, with a nutritional value of the natural fodder - 0.20-0.23 nutritive unit/kg and a content of digestible protein – 175.6- 211.6 g/ nutritive unit.

Key words: biological peculiarities, fodder leguminous plants, nutritional value, productivity, species of genus *Medicago* L.