

# **BIOLOGICAL CHARACTERISTICS OF THE SPECIES OF *ECHINACEA PURPUREA* L. CULTIVATED AT THE AGROBIOLOGICAL STATION STATE UNIVERSITY OF MOLDOVA**

**Victor MELNIC<sup>1</sup>, Ana BÎRSAN<sup>1</sup>, Elena CHIRIȚA<sup>1</sup>, Sergiu DOBROJAN<sup>1</sup>, Victor ȚIȚEI<sup>1</sup>,  
Natalia BURACINSCHII<sup>1</sup>, Angela MELNIC<sup>1</sup>, Nicolae CIOBANU<sup>1</sup>, Irina POMPUȘ<sup>2</sup>**

e-mail: melnicvictor088@gmail.com

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## **Abstract**

In this paper are the results of studying of the morphological structure of *Echinacea purpurea* L species cultivated for two years in indigenous bioecological conditions. In this period of time was analyzed biomass accumulation of different plant parts in different stages of vegetation. The results showed that the dynamics of biomass accumulation in all three parts of the plant has increased capacity as well as the number of flowering shoots, both in the first year of cultivation and in year two. This proves about an increased adaptability to indigenous bioecological conditions

**Key words:** morphological, biomass, bioecological, germination, adaptability