

## **Abstract**

Genus *Monarda* L. comprises about 30 species of annual and perennial medicinal, aromatic and ornamental plants, belonging to family *Lamiaceae*. The gender is originating in the USA, Canada and Mexico and is grown in Europe, Asia. The best known species are: *Monarda didyma* L., *M. fistulosa* L., *M. citriodora* Cerv. ex Lag, *M. punctata* L., *M. pectinata* L., *M. clinopodia* L., etc.. This paper aims monarda behavior of three species, *M. didyma* L., *M. citriodora* Cerv. ex Lag. and *M. fistulosa* L. in the climatic conditions in Vaslui county, to introduce their culture. The experience has been established both by direct seeding in the experimental field and the seedling, being made biometric measurements and observations to plant. The importance of this study is to determine which of the three species of the genus *Monarda* L. is most suitable to be cultivated in the climatic conditions of Vaslui county, identifying medicinal qualities, aromatic and ornamental.

**Key words:** *M. didyma* L., *M. fistulosa* L., *M. citriodora* Cerv. ex Lag.