

FUNGI OF THE GENUS *FUSARIUM* – OCCURRENCE, CHARACTERISTICS AND SIGNIFICANCE IN THE ENVIRONMENT

Summary

The study described the systematic position and characterized selected species of the genus *Fusarium*. The microscopic structure of the mycelium and spores were outlined. The ability of the *Fusarium* fungi to produce mycotoxins and their role in the

environment was also presented. Selected diseases caused by *Fusarium* spp. in plants, animals and in humans were described. The selected research methods for the identification and biodiversity evaluation of *Fusarium* spp. were also outlined.