



## A study of the effect of ethyl-methanesulfonate on the development of *Bombyx mori* l.

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The natural breeding of *Bombyx mori* L. is a slow process. One of the modes for accelerating it is the use of different chemical and physical factors for producing mutations. This leads to a great diversity of mutant forms. The use of mutation-inducing chemical agents is a powerful method for affecting live organisms (Grekov et al., 1994). The application of chemical mutagenesis in animal breeding is connected with a lot of difficulties (Yolov, 1976; Craiciu et al., 1970). The available studies related to *Bombyx mori* L. are insignificant and incomplete. The objective of the present work was to study the effect of ethylmethanesulfonate (EMS) on some major biological characteristics and technological parameters of mulberry silkworm.