EFFECTS OF ANTIBIOTIC ADMINISTRATION AND SEASONAL INTERACTION ON ECONOMIC PARAMETERS OF SILKWORM, *BOMBYX MORI* L.

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ABSTRACT – The productivity and quality in sericulture is depends on the healthiness, growth of the silkworm larvae and the suitable environmental conditions. Nutritional requirements in food consumption have direct impact on larval and cocoon weight, amount of silk production, pupation and reproductive traits. Since antibiotic administration exerts a beneficial influence by affecting the intestinal flora of silkworm larvae, hence the present study was undertaken to ascertain the effects of newer generation antibiotics *viz.* ofloxacin, acyclovir and griesovin and their seasonal interaction on enhancement of major economic parameters in the silkworm.

*Key words*: Antibiotics, ofloxacin, acyclovir, griesovin, silkworm, seasonal interaction, growth, *Bombyx mori*.