



Effect of Plant Growth Regulators on Consumption Indices of Silkworm, *Bombyx mori* L.

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Abstract: The effect of plant growth regulators on consumption indices of silkworm larvae, *Bombyx mori* L. was observed during 2009-10. Silkworm larvae (CSR₂) topically treated with gibberellic acid at 100 µg/ml on second day of fifth instar exhibited significantly highest food consumption (455.27 g/50 larvae), digestion (234.01 g/50 larvae), growth rate (0.189), efficiency of conversion of ingested food (33.29 %), efficiency of conversion of digested food (64.71 %), approximate digestibility (51.40 %) and reference ratio (2.06) with minimum consumption index (0.568) compared to untreated silkworm larvae.

Key Words: *Bombyx mori*, Consumption Indices, Gibberellic Acid, Indole Acetic Acid, Mulberry.
