

EFFECT OF TEMPERATURE, RELATIVE HUMIDITY AND PHOTOPERIOD ON DURATION, WEIGHT AND SURVIVAL OF LARVAE OF SILKWORM *BOMBYX MORI* LINN.

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ABSTRACT : The Mulberry silkworm (*Bombyx mori*) rearers have suggested to maintain 34°C temperature, 80% RH and 18 hours of light per day for shorter larval duration. In order to get maximum larval weight they have suggested to maintain 30°C temperature, 80% RH and 12 hours of light per day. In that context they are further suggested to maintain 26°C temperature, 80% RH and 12 hours of light per day for getting highest larvae survival percentage.

Key Words : *Bombyx mori*, larval weight, larval duration, larvae survival percentage, temperature, relative humidity, photoperiod.