

Generations of *Rhyzopertha dominica* (fabricius) on stored sorghum under South Gujarat condition

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ABSTRACT

Lesser grain borer, *Rhyzopertha dominica* (Fabricius) is one of the major pests of stored cereals. It is widely distributed in the tropical regions of the world and met throughout India. Studies on the effect of prevailing temperature and relative humidity of south Gujarat during the year 2012-2013 on the development of *R. dominica* were carried out under laboratory conditions. The results revealed that the influence of temperature and relative humidity on the growth and development of *R. dominica* completed total eight generations on stored sorghum (variety GJ-42). The significantly negative correlation existed between maximum and minimum temperature, relative humidity with developmental period of *R. dominica*.

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