Manmade Environment and the Risk of Acquiring Dengue in the Northeastern Part of India: An Entomological Perspective

P. Dutte, A.M. Khan, S.A. Khan, C.K. Sarma and J. Mahanta

Regional Medical Research Centre, NE Region (ICMR), Post Box No. 105, Dibrugarh 786 001, Assam, India
Fax: 0373-21215


ABSTRACT Human ecology sometimes influences upon the abundance of some of the disease transmitting insect vectors. Studies conducted to know the prevalence of potential dengue vector in the Northeastern part of India reveal that in urban, industrial and semi-urban environment, the preponderance of the potential dengue vector are found to be considerably high. It is observed that the situations in which these Aedes mosquitoes survive or reproduce are created by man knowingly or unknowingly and as result, human population residing in an around this environment are always at risk of acquiring dengue virus infection.