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"Behaviour changes in Permethrin-resistant strain of Anopheles Stephensi "

Vatandoost H



Abstract:

Behaviour studies indicated that the permethrin resistant strain of An. Stephensi was 3-fold resistant to knock-down compared with the susceptible strain. The resistant strain was however 3-fold less irritable to permethrin and less responsive than the susceptible strain to the movement of an aspirator. If reduced irritability and reduced responsiveness to catch are consequences of the changes in the nervous system, then such a form of resistance may be disadvantageous to mosquitoes in natural populations.

Keywords:

[Behaviour change](#) , [Permethrin-resistant](#)

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