

Instrumen pengusir nyamuk berbasis frekuensi ultrasonik

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20178294&lokasi=lokal>

Abstrak

Have been made an instrument to dissipate mosquito by using ultrasonic frequency. Instrument dissipation of mosquito represents solution to overcome negative impact which generated from usage of chemicals. This matter can be conducted by given the yielded frequency and frequency daunted by mosquito. Result of perception indicates that frequency daunted to reside in above frequency able to be heard by human being (ultrasonic frequency). This instrument consist of receiver and transmitter both controlled by microcontroller. Functioning microcontroller to read frequency yielded by mosquito then release daunted frequency. From result of perception obtained that mosquito start to react at frequency above 33 kHz.