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(57) Abstract :

The present invention discloses the studies directed towards the development of safe and efficient herbal mosquito repellent formulations obtained by mixing a solutions of 20ml Neem extract,20ml Turmeric Oil,20ml Turmeric Oi1,20ml Orange Peel Oil,20gm Clove . This unique solution is coposed of herbal components and thus has no side effects on the human beings. This innovation also defines a unique mosquito repel/ant sensor which is based on the density of mosquito in a given area. This innovation describes a . unique approach through which this sensor automatically sense the mosquito density and then regulate the quantity of fumes of our unique solution which is specially prepared from the herbal components, in order to repel mosquitoes as well as purify the air . We conducted several tests on different compositions and mosquito density and thus we conclude that our approach is better and unique than other existing mosquito repel/ants available· in the market.

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