

BEST OF SUBJECT CATEGORY AWARD BOTANY – MUMBAI NATIONAL FAIR

Herbal Insecticides And Repellants

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This project in its present form is the result of herbal experimentation on the effect of insects. Insects pose a major problem to our society, as they are capable of causing fatal diseases like malaria, dengue, cholera etc. To combat these insects we use a lot of chemical products like mosquito mats vaporizers, etc. These products have strong chemicals, which are harmful to humans.

To overcome this problem, we the students of S. G. Dholakia High School have made experimentation on it. Herbal products like Eucalyptus oil, Neem oil, Camphor Powder, Lemon grass oil, Kerosene, Dhatura, Vachh etc. We know that these products are good insecticides and repellants, with this knowledge we have made some herbal products, like Mosmat, Nilmos, Flycide, Nilsects, etc.

We gave our products to various types of people, (Upper, Middle, Lower-Class) which are suffering from the problems of mosquitoes, flies, etc. By surveying we found that people face problems like suffocation, coughing, red eyes, etc. using this chemical based repellants and insecticides. We compared our products with market products in the sense of economical base & effectiveness.

So we here by conclude that our herbal products are better than regards cost and effectiveness with respect to chemical based repellants.

They also have no side effects that are observed in the market products.