



Changing Attitudes to Control Flies

86. Lumumba

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Introduction:

In Tanzania, the rate of flies has been increasing to high extent particularly houseflies and mosquitoes, this is due to the poor methods commonly used to control the flies. As these flies are very harmful, the project aims at developing and guiding the people on the best, safe and simple methods on controlling flies.

Mosquitoes are the one among the dangerous flies and are very familiar in Tanzania. There are so many diseases transmitted by mosquitoes including malaria, dengue and filariasis. Malaria and dengue are most dangerous diseases in Tanzania that kill many people. Besides, houseflies are most diseases carriers as they are capable of carrying many pathogens such as those causing typhoid, cholera, salmonellosis and bacillary dysentery.

Significantly, this project is looking to change attitude in controlling flies using local and available materials.



Method:

Commonly, many people like to use HIT, RISASI, RONGU and other sprays and even some times HOT water and fire which are harmful and less useful. So our intention is to guide the people on the best ways of controlling flies.

1. Using cloves
2. Using lemon grass
- 3 Using clove oil:

Outdoors control

In controlling we are looking to keep flies to a minimum or reaching to zero, through the following methods

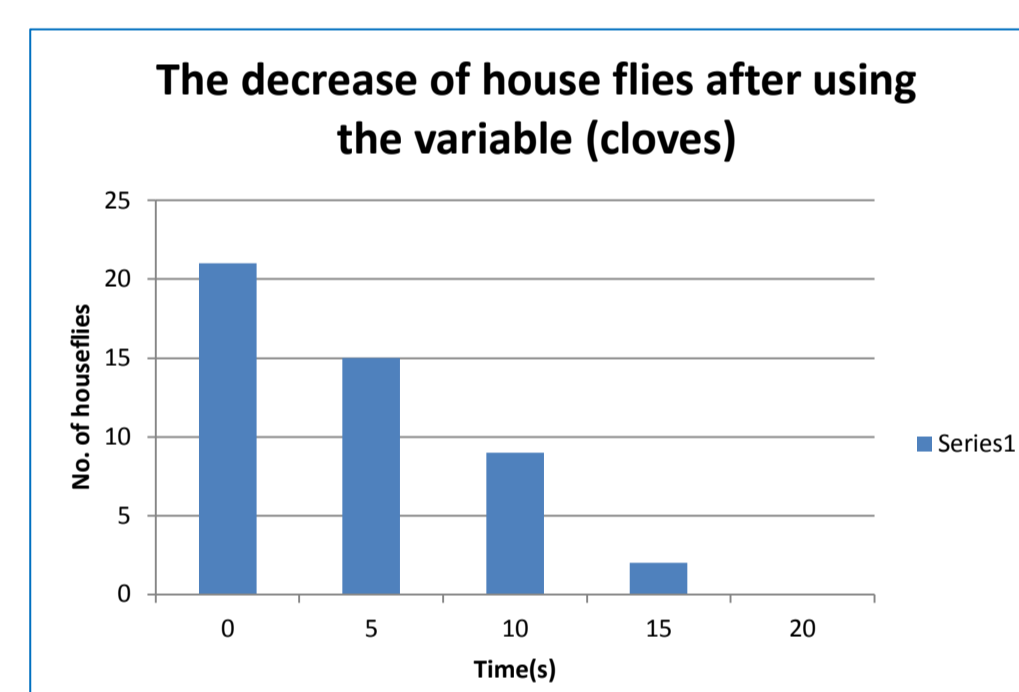
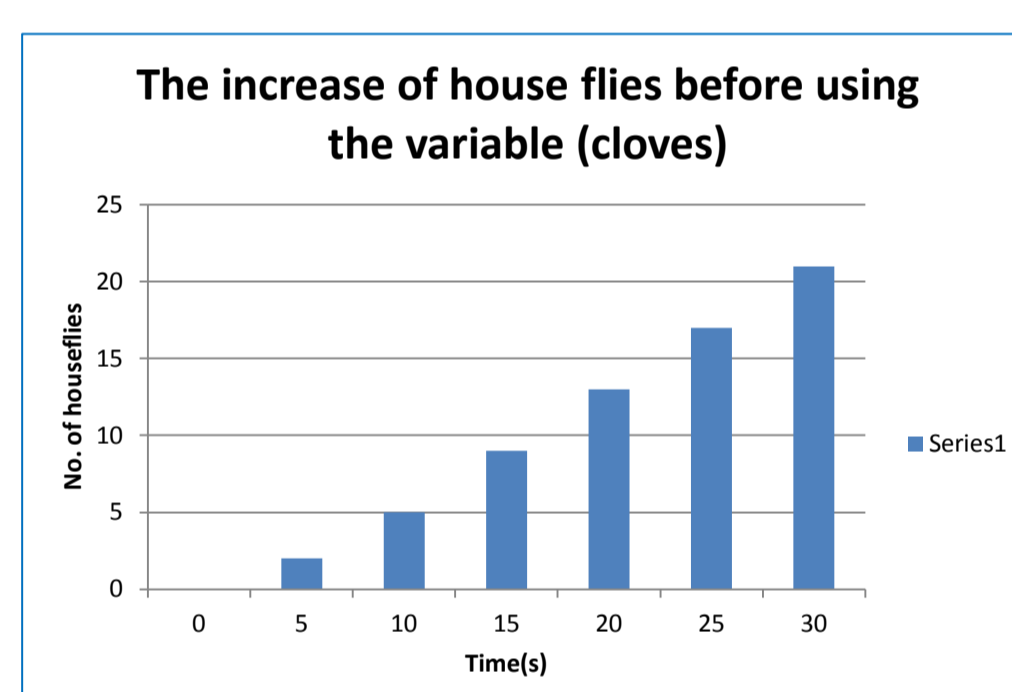
1. Keeping the environment neat and clean by removing or limiting what is attracting the flies



Results:

In controlling houseflies, due to control experiment done under the same conditions observation showed that

Before using the variable, after every 5 second the houseflies' population was increasing as seen on the pictures.



Before



Before

No. of flies	0	2	5	9	13	17	21
Time(s)	0	5	10	15	20	25	30

After

No. of flies	21	15	9	2	0
Time(s)	0	5	10	15	20

Conclusions:

We have found out that it is possible to control flies using available resources like cloves and lemon grass as our research questions suggest.

- Can cloves and lemon grass be used to control inhabitants of house flies and mosquitoes respectively?
- Can cloves and lemon grass replace harmful flies' repellents?
- Are they effective and suitable for the environment?

Results showed that lemon grass and cloves can be used to control large amount of house flies and mosquitoes, replace harmful flies repellents and most effective and suitable for the environment.

Significantly, the project will cut across on helping Tanzanians to produce cheapest, easiest, better and harmless natural flies repellent from cloves and lemon grass.

References:

D.J Taylor, N.P.O Green and G.W Stout, (1997), Biological Science. Cambridge University Press
www.wikihow.com/flies

<http://insects.answers.com>

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