

1. what criteria and requirements will the provincial CDC consider in the selection of chemical pesticides ?

Not those banned drugs such as DDT, the Ministry of Agriculture's pesticide products network is a list of banned.

2 Is there any recommendation for the public to use insecticide or insect repellent products when popularizing mosquito repellent methods to the public? If so, what is the basis for choosing insect repellent products? If not, what are the reasons for not recommending insecticidal or insect repellent products?

For personal protection, it will be introduced in the patriotic health campaign, such as free distribution of drugs that we feel feasible after screening, but it will not be recommended to the public, it still depends on the choice of the market. In the process of practice, the effect is better, safe and effective for most people, the distribution of sticky boards and other non-toxic will be more. But a product to promote a large area through the patriotic health campaign is not effective, or depends on the choice of the market.

3 We produced a novel mosquito repellent ingredient, nootkatone, by modifying brewer's yeast. This chemical used to be mainly used in the field of food additives and perfumes, but now, according to the literature, nootkatone can effectively carry out a variety of insect-borne infectious diseases such as malaria, Lyme disease and other mosquitoes to avoid or even kill, after certain experimental certification also has a good safety, but also has the possibility of solving the current existence of insecticide resistance in the world. What do you think is needed to promote it on a large scale?

It depends on the choice of the market. The finished product can be taken to the CDC side to do efficacy experiments, and if it is a very effective drug and recognized by peers, the promotion will naturally have the choice of the market. Permethrin is used to kill adult mosquitoes, avoidance needs to be compared with insecticide and mosquito repellent amines.

4 What is the current form of public awareness of mosquito-borne or insect-borne infectious diseases by the CDC? How effective is it?We are now mainly through the WeChat public number push, Bilibili and other short video platform for infectious diseases and related rumor clarification of science, and the use of mosquitoes as the first point of view of the narrative approach, I would like to ask you if there is some advice to the publicity? And what approach can be taken to achieve a better effect of publicity and popularization?

Health education is mainly the provincial CDC public number and the official online push, the Guangdong Provincial Health Education and Publicity Center is more in-depth and systematic. If someone does not pay attention to the public number is not effective, short video promotion method is quite good. There are some health education video contests, you can participate in the contest to promote. You can submit articles to Pearl River Link and the like.

5 China's CDC has no recommendations like other countries such as mosquito repellent and other ingredients content should be used in what range?

Yes, there are international standards. For adults, in the general environment is one standard, high density is another.