



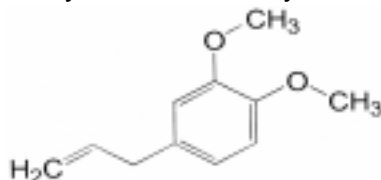
Methyl Eugenol

- An Attractant for Oriental Fruit Fly -

Specification

Chemical name 4-allyl-1,2-dimethoxybenzene

Formula



Appearance Colorless to pale yellow liquid

Odor Musty-tealike, warm and mild spicy, slightly earthy odor

Purity 98.0% min.

Q & A

1. How is the economic importance of Oriental Fruit Fly (*Bactrocera dorsalis* species complex)?

Oriental fruit fly is one of the most serious pests of fruit crops in tropical and subtropical regions. It has been recorded from more than 150 kinds of fruit and vegetables, including citrus, guava, wax apple, carambola, mango, papaya, avocado, banana, loquat, tomato, cherry, apple, passion fruit, persimmon, pineapple, peach, pear, apricot, fig, and coffee.

2. How to control Oriental Fruit Fly?

Methyl Eugenol (ME) is the most effective lure for male Oriental fruit fly. Odor components in ME can attract male Oriental fruit flies from a long distance. It reduces the male population of Oriental fruit fly to such a low level that mating does not occur. This male annihilation method is considered to be the most economic and effective method for Oriental fruit fly control.

3. How much ME should be used?

Based on field conditions in Taiwan, 1~2 ml of lure will last approximately 1 month in the field. Hang treated wicks on the inner hook of Oriental fruit fly monitoring traps. Treat and replace lures every two months.





4. Does ME attract all fruit flies?

No. ME can only capture Oriental fruit fly. It is very important to distinguish which fly species you are trying to capture before selecting a male lure.

5. Does ME attract female fruit flies to my farm?

ME has been shown to attract male Oriental fruit fly only. Studies show ME lure does not contribute to increased number of damaging females.

6. Is ME a kind of pesticide?

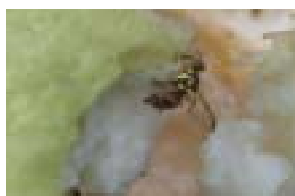
ME does not belong to pesticide. Purchase and use of ME does not require a pesticide license.



Oriental fruit fly



Oriental fruit fly



Fly damages guava



ME attracts flies

