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## A Safe Insecticide?

## by Raymond Francis

Yes! It's here, it's safe, it kills bugs - it's Orange Guard®. I never dreamed that in my lifetime I could find a safe insecticide. I often spend years researching a single product category, looking for the best to recommend. Almost two years in the making, I have just approved an insecticide called Orange Guard. Orange Guard both kills and repels bugs and does so very *effectively*. At the same time, this product poses no health hazards to humans or pets. The FDA classifies all of the ingredients in Orange Guard as "food grade," and the Organic Materials Review Institute has allowed Orange Guard for use in organic food production.

Finding a product that is *both* safe and effective can be difficult. When I was searching for a toothpaste to recommend, I found a few that were safe, but they didn't clean your teeth very well. Finding one that was both safe and effective was a challenge. What you want is something that does exactly what it is supposed to do, and does it well, without harming you in the process. A safe insecticide should be good at killing bugs without harming you, your pets, or the environment. This is a tall order.

Most standard insecticides are man-made chemicals that kill bugs because they are neurotoxic. They damage the nervous systems of the insects and kill them. Unfortunately, as a "side effect" they also damage *your* nervous system. Standard insecticides cause a lot of disease in our society. They can have estrogen-like effects, thereby leading to cancer, birth defects, and fertility problems. Insecticides have also been linked to Parkinson's disease and numerous other medical problems. Orange Guard, on the other hand, is made from natural chemicals extracted from orange peels. Orange Guard presents no health hazard to humans or pets. Its active ingredient, D-Limonene, is distilled from orange peel oil. Rather than being a neurotoxin or hormone disrupter, D-Limonene dissolves the waxy protective coating on the exoskeletons of insects and plugs up their respiratory system.

Orange Guard is extraordinarily effective at killing insects, even better than standard insecticides. One study in Texas found that Orange Guard outperformed a standard insecticide, Dursban, in killing German cockroaches. Seven days after application, the buildings treated with Orange Guard had a 71% reduction in cockroaches whereas the buildings treated with Dursban had only a 56% reduction. In one experiment, Orange Guard killed 100% of an Argentine ant population in just 15 minutes. In another experiment, 95% of cat fleas were dead in 15 minutes and 100% were dead in one hour. Orange Guard was applied to mounds of fire ants. At the end of 28 days, all fire ant activity had been eliminated in 18 out of 19 mounds. Pretty impressive!

In addition to being a contact killer, it is also a residual insect repellent. This means you can spray around the perimeter of your home and create a barrier to entry. Simply spray on generously until the area is wet. This will kill any bugs it physically contacts and will continue to repel them for some time. The bugs will avoid the sprayed area and not come into your home if they have to cross over it. Saturate any insect trails or nests and spray anywhere insects can enter. Spray it in kitchens and pantries and under appliances and cabinets. Spray it under and around pet bedding to control fleas. Orange Guard can also be used outdoors in the garden, but I recommend diluting it 3 parts water to1 part Orange Guard for delicate plants.

Orange Guard is a broad-range insecticide and can be used to eliminate almost any insect. My own experience with it has been excellent. A few months ago, Beyond Health moved to new offices. Shortly

after moving in, I found an army of small, red ants invading my office through the crack where the carpet meets the outside wall. I sprayed Orange Guard all along that crack and have not seen an ant since. Orange Guard solved the problem instantly and has continued to do its job for months thereafter. I know of another person that had a similar problem and they have not seen an ant in over a year and a half.

Orange Guard can be used in the kitchen and around food with safety. It is simply not hazardous to human health, and that's a big plus especially if you have kids and pets. People who are allergic to citrus should avoid getting it on their skin. It can irritate eyes, so if you get some in your eye flush it with a lot of water. Orange Guard has a citrus smell that is not offensive and the odor dissipates fairly rapidly. Orange Guard is safe, effective, and environmentally friendly. It does a superior job of controlling insects and appears to retain its effectiveness for a surprisingly long time.

Raymond Francis is an M.I.T.-trained scientist, a registered nutrition consultant, author of Never Be Sick Again and Never Be Fat Again, host of the Beyond Health Show, Chairman of the The Project to End Disease and an internationally recognized leader in the field of optimal health maintenance.

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