Common Safety Concerns and
Advantages of an Insect Misting System

It is quite common in the equine community that there is sometimes pushback from boarders when a barn owner decides to install an automatic insect misting system. Common misconceptions are that the insecticide is not safe for horses, people or other domestic animals. This could not be further from the truth. The insecticide that is used in **ALL** of these misting systems is a synthetic pyrethroid called Permethrin. Permethrin has been around the insecticide community for over 40 years and has been proven, not only to be effective, but also extremely safe. This is true not only to horses and other domestic animals but also to humans. Permethrin got its start as a treatment for head lice. Yes, it was a topical solution that was applied directly to the heads of children. It has also been extremely effective as a spot spray for not only horses, but also dogs. The other ingredient in our Livestock Insecticide is Piperonyl Butoxide (PBO). PBO is a man-made pesticide ingredient called a synergist. By itself, PBO does not harm insects. Instead, it works with insecticides to increase their effectiveness. It literally has no toxicity to humans or animals.

In the 10+ years that Dead Fly Zone has been in business, we have NEVER run across a single horse owner that has told us that their horse has had an adverse effect to our insecticide. In fact, we have NEVER had a system or our insecticide returned to us in over 10 years and we encourage everyone to read the reviews on our website. These are real reviews from real customers. Many of our biggest and most loyal customers are some of the largest equine training centers in the U.S., the largest thoroughbred rehabilitative center in the world and most of the Equestrian training facilities in Wellington and Ocala, FLA. We also are proud to provide our products to resort type barns, boarding facilities, private barns, and farms all over the United States and even Dubai!

When asked about a horse's water source and humans being in the barn when our systems activate, we offer the suggestion that your spray nozzles not be directly over the water source but that overspray absolutely will NOT deteriorate the safety of drinking water. With respect to humans, if walking out of the barn for 30 seconds during a spray cycle makes you more comfortable, then by all means do that, however it is not necessary as the insecticide will have no effect on you. Farriers and Veterinarians are very familiar with our systems and most times they don't care if they get sprayed and will continue to work on your horse as the system is spraying. They especially enjoy visiting barns with our systems installed. Try shoeing a horse that is getting bit by flies and mosquitoes!

Our systems literally work within 24 hours of installation. It will spray at 2-hour intervals, usually starting at 7am and every 2 hours until 7pm. The duration of the spray cycle varies but is usually around 30 seconds for each cycle. No, it won't kill every single fly but it will reduce the number of flies in your barn at a 90% clip. Not only do these systems kill flies, but they also severely effect the breeding cycle of the fly, whereas less flies are being born. The systems also kill every other type of flying and crawling insect that pesters your horse. The reduction in flies and mosquitoes also greatly reduces disease and the number of bites on your horse, which naturally produces a less stressful and more happy horse.

As the owner of Dead Fly Zone, I will tell you that I was a customer before I was selling these systems. My wife and I also own horses and we have enjoyed having a system in our barn for nearly 12 years. The 24-hour difference in our barn was so astounding that I started Dead Fly Zone to broaden the scope and availability of these systems to other horse owners. Incidentally, Dead Fly Zone's systems are also used for residential purposes, around pools, patios, decks and backyards where homeowners enjoy the advantages of pest free backyards.