

Fly Control Seminar, 8 July 2013

Spray: Fly spray (both pyrethrin and permethrin based) contains chemicals that bind to and permanently block the action of an enzyme called acetylcholinesterase, which controls an insect's muscle control. When this mechanism is blocked the muscles lock tight (like a charlie horse in your calf) and the insects die from not being able to breath.

All Natural Oil Based Fly Sprays are made up of fly repellent oils. We carry CLAC, Ultra Shield Green, Calm Coat Natural Fly Repellent, Nature's Defense and EQyss Premier Marigold Scent.

Pyrethrin Based Sprays are plant based; Pyrethrins are extracted from the plant to be sprayed on your animals. Our Pyrethrins include CV-80D, Equine Fly and Mosquito Aerosol, Happy Horse, Pyranha Equine Spray and Wipe n Spray, Bronco Gold (Which is actually the original Bronco) Equicare Flysect Citronella Spray, Equisect, Ambush Wipe, Repel-X, Flys-X and Best Defense.

Permethrin Based Sprays are designed to mimic Pyrethrin, and affect insects in the same manor based on scientific research. Please keep in mind that Permethrin based fly sprays cannot be used on cats. We carry Ultrashield Red, EX, and Sport, Horse and Pony Spray, Horse and Stable Spray, Equine Fly and Mosquito Spray, Centura for Horse and Rider, Mosquito Halt, Tri-Tec 14, Endure and Bronco.

Salves: Great to use around the face and in those sensitive groin areas to keep flies away. Swat can be used near wounds for fly control.

Roll Ons: Great to use around the bottoms of eyes (if you put it over they eye, the sweat can make it go into the eye and cause irritation), and to roll over the rump and neck as a more concentrate fly repellent and to help prevent horse flies from landing in those areas.

Equispot: We have gotten a lot of good feedback that this product works especially for ticks.

Feed Through

Simplifly: The mode of action of LarvaStop™ is specific to insects. It prevents the development of fly larvae by interfering with the production of a substance called "chitin". Chitin is a key component of an insect's exoskeleton – that is NOT found in horses. Unlike other feed-through fly control products, SimpliFly® does NOT contain organophosphates. It has no effect on blood cholinesterase levels. It can be used in conjunction with other fly control products without restriction. Furthermore, SimpliFly® With LarvaStop™ is considered a Reduced-Risk pesticide by the Environmental Protection Agency. To date, SimpliFly® is the only feed-thru fly control product granted Reduced-Risk status. (www.farnam.com)

Fly Sheets / Leg Wraps / Fly Masks / Rump Shims

Fly Sheets: Offer relief from flies being able to land on the body-especially in the evening when the horse flies come out to bite them on the butt! Some even come with the Detach-A-Neck (you will see it as DAN on our tags) option that will keep them off your horses necks as well!

Fly Masks: Keeps the flies away from the eyes, and now they make masks that cover the ear and nose. Provides sun protection for horses with bald faces, and if you clip inside the horse's ears, it will be beneficial because you have taken away their natural fly defense system.

Leg Wraps: These are mesh and have Velcro straps that help to keep them up. We have had wonderful feedback on these.

Rump Shims: We just started carrying these, and they are wonderful on trail rides, when those pesky horse flies land in that one spot you just can't reach. You connect them to your saddle and keep them off your horses' rump!

Ear Bonnets: Used mostly by English riders, these cover the ears and the forelock area, they have a throat latch to tie, and can be worn over and under the bridle when you ride or the halter during transportation. These for sure keep the bugs out of their ears, but have limited protection around the eyes. A must have if you keep your horse's ears clipped!

Downfalls: There is no way to protect under your horse's chest area or groin area with these covers. For these sensitive areas, we can recommend Belly Balm, Swat, or a Roll On to rub in that area and help deter flies.

Rips and Tears: Lynn repairs sheets and masks, but some horses have the capability of making fly sheets and masks a one-time use product.

Horse Hair Accessories

Whips: We carry crops with horse hair on the ends to help shoo flies off the neck and rump area—a kind of arm extension for those of us who can't reach.

Horse Hair Tassels: We have tassels that can be attached to your horses girth, and this will swing back and forth while you ride, shooing away flies from the underbelly.

Some Western Bridles come with horse hair tassels that will also discourage flies from the face.

Stall Cleaning

Picking stalls between cleaning can help attract flies to your manure pile, rather than the stall. We also carry two products, **Sweet PDZ Powder** and **Sweet PDZ Granules** to eliminate the ammonia smell from urine. You sprinkle some over the stall floor with the shavings and it helps to absorb that smell thus not attracting flies.

Traps

Traps are good for cutting down on the adult population of your fly problem. They have the sticky fly traps, the fly paper, and of course the fly traps the liquid in the bottom, they usually come with some sort of bait, and the flies get in, but they cannot land anywhere inside due to the slippery texture of the inside of the trap, and they eventually die—unable to create offspring.

Predators

Predators can be purchased on line. You will get a shipment about once a month where you can empty them into the areas where Larvae exist (like a manure pile). The predators eat the larvae—preventing adult flies. They also suggest a product you buy online called “Bye Bye Odor” to help from attracting flies to your barn. Sweet PDZ will do the same thing—minimizing the odor by neutralizing the urine. I googled “Fly Predators” and there are a lot of sites to choose from.

Fly predators will not eliminate flies, just cut back their numbers. You will still have to rely on sprays and traps to help, but we have heard a lot of great things this year especially, that they really cut down the population.

Thank you,

THE GOLDEN HORSESHOE TACK SHOP INC

