

Ν

Α

L

L

Α

V

 $\bigcirc$ 

1

Т

Α

0

Ν

Т

Α

Т

Ι M

E

The # 1 preventative against a myriad of pesky flies is to clean up manure, drag pastures often or pick them and keep the horse area in general clean. But there are a few other holistic "tricks".

Natural fly control can be achieved through the use of fly predators or parasites.

Fly Parasites are gnat-sized, nocturnal, burrowing insects that do not bite, sting or harm humans and animals. They kill flies in the developing pupa (cocoon) stage, eliminating the adult fly. Parasites reproduce in 2 to 3 weeks, constantly reinforcing the beneficial insect population.

Fly Parasites are small flies that are not attracted to humans or horses. They "attack" in the pupa or cocoon stage of the pest fly. Regular flies lay their eggs in and around manure and in wet/rotting places. Fly Predators interrupt the pest fly's reproductive cycle before it starts. The female Fly Predator seek out the immature pest fly while it's in its pupa stage and lays from one to seven eggs (out of a lifetime total of 75-100) inside each pupa case. As the Fly Predator's eggs develop they consume the immature pest fly larva as a source of nourishment. Immediately upon the emergence from the pest fly pupa, the adult Fly Predator is ready to mate and start the cycle over again. They do not, however, attack mosquitoes and the small no-see-ums. Fly predators are available from www.Arbico.com and some other suppliers on the Internet.

How to apply: Fly Eliminators are shipped as parasitized fly pupae in sawdust. Once they have hatched, simply disperse small handfuls or scoops every 3-4 weeks on: Manure piles; under water troughs; below bedding; corners of pens and paddocks, and feeding sites. Cover with dirt or manure to protect pupae. Fly Eliminators will travel up to a 200 ft. radius searching for fly pupae to destroy.

Another way to deal with flies naturally:

Effective Microorganisms (EM). They can be used as fly spray, can be fed to horses and sprayed in the pastures to enhance the soil and speed up composting of manure. Flies are lured in by decay. Where the environment is healthy, flies have no chance.

Available at www.scdworld.com

## **Mosquito Control**

Mosquito Magneto can help control mosquitoes.

Www.Arbico.com also sells a an organic granulate that can be sprinkled on standing water and controls the reproductive cycle of mosquitoes. As with fly control, cleaning up all stagnant water that is not used helps to prevent a huge mosquito problem.