



# VECTOR INFORMATION: COMMON FLIES IN THE UNITED STATES



Common name	Face Fly	Horn Fly	Horse Fly; Deer Fly	House Fly	Stable Fly
Scientific name	<i>Musca autumnalis</i>	<i>Haematobia irritans</i>	Tabanids <i>Chrysops</i>	<i>Musca domestica</i>	<i>Stomoxys calcitrans</i>
Disease(s) spread by the vector	Pink eye ( <i>Moraxella bovis</i> and others), Summer mastitis ( <i>Corynebacterium pyogenes</i> ), Eye worm ( <i>Thelazia lacrymalis</i> )	Contagious mastitis ( <i>Staphylococcus aureus</i> , Environmental mastitis ( <i>Streptococcus spp.</i> )	Anaplasmosis ( <i>Anaplasma marginale</i> , <i>A. centrale</i> , & <i>A. caudatum</i> )	Crypto ( <i>Cryptosporidium parvum</i> ), Salmonellosis, Mastitis, Pinkeye ( <i>Moraxella bovis</i> and others)	Anthrax ( <i>Bacillus anthracis</i> ), brucellosis ( <i>Brucella abortus</i> )
Eggs deposited	Cattle manure	Cattle manure	Vegetation near or over water	Surface of decomposing garbage, animal manure, bedding	Moist decaying straw, hay, silage, grain, poorly managed compost piles
Adults live	Pastures not confinement; Spend very little time on faces of animals	The backs of adult cattle, sides, belly, udder, teats	In animal and human areas; strong fliers	In animal housing areas, homes	In animal housing areas
Female adults feed on:	Tears, saliva, nasal mucus, blood from wounds, sweat, excrement on hair	Blood (feed 20-30 times a day)	Blood	Animal and human food, carcasses, manure, and garbage	Blood, aggressive biters
Life cycle in warm weather	3 weeks	10-20 days	Larva—2-12 months Adults—30-60 days	10-21 days	3 weeks
Environmental control	Manure management	Manure management	Difficult	Manure, feed and garbage management	Feed and bedding management
Chemical control	Dusters, oilers, impregnated ear tags, feed additives	Dusters, oilers, impregnated ear tags, feed additives	Animal sprays	Surface sprays, fly bait, animal sprays	Surface sprays, fly bait, animal sprays

See the **Fly Control Measures** handout for more specific recommendations about insect management.

*It is a violation of state and federal law to use a pesticide in any manner that differs from the product label.*

*Use only according to label directions to avoid meat or milk residue hazards, environmental damage, and animal or human injury.*