

ANIMAL INSECT CONTROL

Animal	Pest Problem	Insecticide Formulation	Method and Rate	Restrictions/Remarks
BARNs, STABLES AND DAIRY BARNs (Not for human dwellings) See Poultry Section for poultry houses.	Adult Flies	Sprays and Fogs Rabon 50% WP (tetrachlorvinphos)	3 lb 50% WP in 7.5 gal water. Spray 1 gal/500-1,000 sq ft to wet all surfaces. Repeat every 3 or 4 weeks.	General Precautions for All Insecticides Are: <ol style="list-style-type: none"> 1. Apply where flies congregate; i.e., ceilings, light fixtures, walls, windows, etc. Do not apply within 1 week of applying whitewash. 2. Do not spray in milk houses. 3. Do not spray on milk utensils. 4. Do not contaminate feed or water supplies. Cover them when spraying. 5. Remove animals before spraying. 6. Keep out of reach of animals and children. 7. Do not mix a combination of compounds. 8. Wear protective clothing—jacket or coveralls, cap or hat, rubber gloves, and preferably a respirator. Wash protective clothing after using. Wash with soap and water after spraying. <p>Apply 0.5% dilution as a space spray mist; spray at the rate of 1 qt per 8,000 cu ft or at 1 qt per 1,000 sq ft for a coarse surface spray. For the 1.0% dilution, apply as above but only half the total volume of mixture. Do not use this product in areas where animals have received a direct organophosphate application within 8 hours. If animals are present, ventilate treated area immediately following application. Do not contaminate water, feed or foodstuffs, milk or milking utensils.</p> <p>Wet surfaces where flies rest. Do not spray animals, humans, animal feed or water. Do not apply more than once per week.</p> <p>Apply dilution to horizontal and overhead surfaces where flies rest. Do not make applications in areas where animals are present. Allow to dry before reintroducing animals or birds. Do not contaminate animal food, feed or water during application.</p> <p>Hard Hitter, Insectaban, Insectrin, Expar, Overtime, Permaban and Permetrin II are other permethrin products besides Ectiban registered as surface sprays.</p> <p>1 gal covers 1,000 sq ft. Do not use in milk rooms.</p>
		Ravap EC (23% tetrachlorvinphos and 5.3% dichlorvos)	1 gal Ravap EC/25 gal water. Allow 4 hours to dry before returning cows to barn. Apply 1 gal spray solution/1,000 sq ft.	
		Atroban 11% EC (permethrin)	1 pt/10 gal clean water. Apply 1 gal/750-1,000 sq ft. Provides up to 8 weeks of control.	
		Atroban 42.5% EC (permethrin)	4 oz/10 gal water. Apply 1 gal/750-1,000 sq ft.	
		Pounce 3.2 EC, Tengard SFR (permethrin)	4 oz/12.5 gal water. Apply 1 gal/750 sq ft.	
		Vapona Concentrate Insecticide (R) (40.2% dichlorvos)	2 oz/1.5 gal water (0.5% dilution) 5 oz/2 gal water (1.0% dilution)	
		Annihilator (0.02% deltamethrin)	Ready to use.	
		Grenade ER, Oxyfly, Cyonara 9.7 (9.7% λ-cyhalothrin)	Mix 0.2-0.4 oz/gal water to make a 0.015% to 0.03% dilution.	
		Pyrethrins (synergized)	Use as directed on label.	
		Ectiban 5.7% EC (permethrin)	1 qt 5.7% EC/12.5 gal water. Use 1 gal/750 sq ft.	
GardStar 40% EC (permethrin)	4 oz/10 gal of water (surface spray).			

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BARNs, STABLES AND DAIRY BARNs (Not for human dwellings) See Poultry Section for poultry houses.	Adult Flies	Baits QuickBayt Disposable Fly Bait Strip (0.5% imidacloprid and 0.1% muscalure ((z)-9-tricosene))	Ready-to-use strip: Use 1 bait strip/250 sq ft.	Do not use in areas accessible to food-producing animals or allow to contact food or water. Do not apply directly to milking equipment.
		QuickBayt, Martin's Quick Draw and Bonanza fly bait (0.5% imidacloprid and 0.1% muscalure ((z)-9-tricosene)) Ready-to-Use Fly Bait	Scatter 6 oz of bait/1,000 sq ft around the outside of dairies, stables, animal barns and inaccessible areas of animal housing facilities, or mix 1.5 oz bait/1 oz water, mix thoroughly, let stand for 15 minutes and paint on non-dusty fly resting areas inaccessible to animals.	Use around the outside of dairies and other animal housing structures. Do not apply to milking equipment or allow bait to contact food or water. Can be used inside horse stables, broiler, turkey and caged layer houses, swine confinement buildings, dairy barns and milking parlors ONLY if used in bait stations. Bait stations must be placed at least 4 feet above ground level and in areas inaccessible to animals, children or pets.
		QuickBayt Spot Spray (10% imidacloprid and 0.1% muscalure ((z)-9-tricosene))	Mix 16 oz/gal of water. Carefully read label directions.	For use in and around agriculture production facilities such as poultry houses, turkey and chicken houses, cattle, sheep and goat facilities, feedlots, dairy barns, swine confinement buildings, dog kennels and horse stables. Carefully read label directions. Do not apply on surfaces accessible to children or pets. Do not apply where animals can ingest the bait. Do not apply to milking equipment at dairy facilities.
		Agita 1GB fly bait (1% thiamethoxam and 0.1% (z)-9-tricosene)	Ready-to-use fly bait. Use as directed on label.	Apply only in areas inaccessible to children, pets, domestic animals, wildlife or poultry. May be used in hanging or stationary bait stations not accessible to children, pets, livestock or poultry. Do not apply bait where animals can lick the product. Do not apply directly to livestock or livestock feed as illegal residues may occur.
		Agita 10 WG (10% thiamethoxam and 0.05% (z)-9-tricosene)	Spot spray fly bait. Mix 8 oz Agita 10 WG with 60 oz lukewarm water to treat 500 sq ft of surface area.	Apply only in areas inaccessible to children, pets, domestic animals, wildlife or poultry. Do not apply bait where animals can lick the product. Do not apply directly to livestock or livestock feed as illegal residues may occur.
		Golden Malrin (1.1% methomyl and 0.049% (z)-9-tricosene)	Scatter 4 oz/500 sq ft of fly breeding area, or use bait in any commercial bait station.	Use as a scatter bait only around the outside of animal housing areas. Can be used in walkways of caged layer houses. Bait stations must be hung at least 4 feet from ground level. Scatter baits and bait stations must only be used in areas inaccessible to animals, pets or children.
		Elector Bait (0.5% spinosad and 0.04% (z)-9-tricosene)	Scatter 12-16 oz of Elector Bait/2,000 sq ft. Elector Bait can also be used in bait stations or applied to hang boards/cards. Use 8-10 bait stations or hang boards/cards/2,000 sq ft. See label for more detailed instructions on bait station and hang board/card use.	Do not allow Elector Bait to contact food, feedstuffs, water, milk or milking utensils. Do not use where milk is processed or stored. When using Elector in bait stations, hang stations in areas inaccessible to children, livestock and pets, Elector Bait stations or hang cards must be located at least 4 feet above the ground.
		QuikStrike fly abatement strip (1% nithiazine)	Ready-to-use strip. Hang 1 strip per 100-300 sq ft depending on fly population.	Hang in enclosed areas protected from rain. Keep out of reach of children and animals.

