

## ANIMAL INSECT CONTROL

Animal	Pest Problem	Insecticide Formulation	Method and Rate	Restrictions/Remarks
<b>BARNs, STABLES AND DAIRY BARNs</b> (Not for human dwellings) See Poultry Section for Poultry houses.	<b>Adult Flies</b>	<b>Sprays and Fogs</b> 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.	<b>General Precautions For All Insecticides Are:</b> <ol style="list-style-type: none"> <li>1. Apply where flies congregate; i.e., ceilings, light fixtures, walls, windows, etc. Do not apply within 1 week of applying whitewash.</li> <li>2. Do not spray in milk houses.</li> <li>3. Do not spray on milk utensils.</li> <li>4. Do not contaminate feed or water supplies. Cover them when spraying.</li> <li>5. Remove animals before spraying.</li> <li>6. Keep out of reach of animals and children.</li> <li>7. Do not mix a combination of compounds.</li> <li>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.</li> </ol> <p>Apply 0.5% dilution as a space spray mist; spray at the rate of 1 quart per 8,000 cubic feet or at 1 quart per 1,000 square feet 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>
		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.	
		Pounce 3.2 EC (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 (9.7% lambda-cyhalothrin)	Mix 0.2 to 0.4 oz/gal water to make a 0.015% to 0.03% dilution.	
		<b>Baits</b> QuickBait Disposable Fly Bait Strip (0.5% imidacloprid and 0.1% muscalure)	Ready-to-use strip: Use 1 bait strip per 250 sq ft.	

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		QuickBayt Spot Spray (10% imidacloprid and 0.1% tricosene)	Mix 16 oz per gallon 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.
		Golden Malrin (1.1% methomyl)	Scatter 4 oz per 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 to 16 oz of Elector Bait per 2,000 sq ft. Elector Bait can also be used in bait stations or applied to hang boards/cards. Use 8 to 10 bait stations or hang boards/cards per 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.
	<b>Fire Ants</b>	Apply baits only on the perimeter of barns, stables and dairy barns. Amdro Pro (hydramethylnon)	5 T/mound or 1-1.5 lb/acre if broadcast.	Mound treatment – uniformly distribute materials 3-4 ft around the mound <b>NOT</b> on top of mound.
		Extinguish (methoprene)	3-5 T/mound or 1-1.5 lb/acre.	
		Extinguish Plus (methoprene and hydramethylnon)	3-5 T/mound or 1-1.5 lb/acre.	
		Award** (fenoxycarb)	1-3 T/mound or 1-1.5 lb/acre if broadcast. Varies with formulation – READ & FOLLOW LABEL INSTRUCTIONS.	
	<b>Flies</b>	Ectrin 10% WDL (fenvalerate)	Add 1 qt/10 gal of water. Apply 1 gal per 750 sq ft as spray.	Repeat in 30 days if necessary.
		Pyrethrins (synergized)	Use as directed on label.	

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		<b>Strips or Baits</b>		
		Gard Star 40% EC (permethrin)	4 oz/10 gal of water (surface spray).	1 gal covers 1,000 sq ft. Do not use in milk rooms.
		QuickBayt (0.05% imidacloprid) Ready-to-use scatter bait	Scatter 6 oz per 1,000 square feet or mix 1.5 oz bait with 1 oz of water, mix thoroughly, let stand 15 minutes and paint non-dusty areas where flies rest.	Use around the outside of barns, stables and dairies. In horse stables, apply only in fly bait stations; use 1 bait station for 250 square feet using up to 1.6 ounces of bait per station.
		QuickBayt Spot Spray (10% imidacloprid and 0.1% tricosene)	Mix 16 oz per gallon of water. Carefully read label directions.	Can be used inside horse stables, broiler, turkey and caged layer houses, swine confinement buildings, dairy barns and milking parlors <b>ONLY</b> 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.
				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.
		QuickBayt Disposable Fly Bait Strip (0.5% imidacloprid and 0.1% muscalure)	Ready-to-use strip. Use 1 bait strip per 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.
			Use as a scatter bait only around the outside of animal housing areas. Can be used in horse stables <b>ONLY</b> if used in bait stations. 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.	
				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.
				Hang in enclosed areas protected from rain. Keep out of reach of children and animals.