

TABLE 1 Examples of horn fly insecticides

Horn flies (<i>Haematobia irritans</i>)							
Active ingredient	Brand name*	Formulation*	Withdrawal days to slaughter	Active ingredient	Brand name*	Formulation*	Withdrawal days to slaughter
*See individual product label for # of eartags per animal, # of applications per year, days effective, area on body to apply, age of cattle limitations, grub warning, mixing and application instructions							
Abamectin	XP 820	8.0% eartag	0	Permethrin	Boss	5% pour-on	0
Beta-cyfluthrin	CyGuard	15% eartag	0	Permethrin	Brute	10% pour-on	0
Coumaphos	Coumaphos; Co-Ral	1% dust; 6.15% EC; 11.6% ELI; 42% flowable	0	Permethrin	Catron IV	0.5% EC	0
Coumaphos + Diazinon	Corathon	15% + 35% eartag	0	Permethrin	GardStar	40% EC	0
Cyfluthrin	CyLence	1% pour-on	0	Permethrin	GardStar Plus	10% eartag	0
Deltamethrin	Coopers Spot On	1% spot-on	17	Permethrin	Hi-Yield	0.25% dust	0
Diazinon	OPTimizer	21% eartag	0	Permethrin	Permethrin	0.25% dust; 1% pour-on	0
Diazinon	Patriot	40% eartag	0	Permethrin	Permethrin CDS	7.4% pour-on	0
Diazinon	Terminator II	20% eartag	0	Permethrin	Permethrin II	10% EC	0
Diazinon	Warrior	30% eartag	0	Permethrin	Permethrin	1% pour-on	0
Dichlorvos	Vapona	43.2% EC	1	Permethrin	Pest Rid	10% EC	0
Diflubenzuron	ClariFly	0.67% feed-through	0	Permethrin	Screwworm Aerosol	0.5% EC	0
Doramectin	Dectomax	0.5% pour-on	45	Permethrin	Synergized Delice	1% EC	0
Eprinomectin	Eprinex	0.5% pour-on	0	Permethrin	Synergized Permethrin	1% pour-on	0
Gamma-cyhalothrin	StandGuard	0.5% pour-on	0	Permethrin	Tengard SFR	36.8% EC	0
Ivermectin	Iver-On	0.5% pour-on	48	Permethrin	Ultra Boss	5% pour-on	0
Ivermectin	Ivomec	0.5% pour-on	48	Phosmet	Prolate/Lintox-HD	11.75% EC	3
Ivermectin	Noromectin	0.5% pour-on	28	Pirimiphos methyl	Dominator	20% eartag	0
Lambdacyhalothrin	Saber	1% pour-on	0	Pyrethrins + dichlorvos	Super II Dairy & Farm Spray	0.05% + 0.49% ready-to-use	0
Lambdacyhalothrin	Saber Extra	10% eartag	0	Spinosad	Elector	2.46% EC	0
Lambdacyhalothrin	Ultra Saber	1% pour-on	0	Tetrachlorvinphos	Rabon	3% dust; 50% WP; 97.3% oral	0
Lambdacyhalothrin + pirimiphos methyl	Double Barrel	6.8% + 14% eartag	0	Tetrachlorvinphos + Dichlorvos	Ravap	23.0% + 5.3% EC	0
Methoprene	Altosid	10.5% feed-through	0	Zeta-cypermethrin	PYthon	0.075% dust; 10% eartag	0
Moxidectin	Cydectin	0.5% pour-on	0	Zeta-cypermethrin	PYthon MAGNUM	10% eartag	0
Permethrin	Atroban	1% pour-on; 11% EC; 42.5% EC	0	Zeta-cypermethrin + abamectin	Tri-Zap	9.17 % eartag	0

Insecticides are sold as emulsifiable concentrates, emulsifiable liquids, wettable powders and insect growth regulators that must be mixed for application; or as ready-to-use injections, backrubs, mineral feed products, boluses, eartags, pour-ons, dusts or sprays.