

Summary of Incidents in 2006

Ref.	Chemical	Category	Species	Month	County	Comments
06004	bromadiolone	unspecified	fox	January	Fife	The fox was found in an area often used for fly tipping. Its muzzle had been taped up. Abdominal fluid was slightly stained with blood, and some blood material in somach content. Bromadiolone residue in liver was well into lethal range.
06005	carbofuran	abuse	raven	January	Highland	Dead raven found in a garden. Mammal carcass had probably been used to prepare poisonous bait.
06007	bromadiolone & brodifacoum	unspecified	fox (3)	January	Fife	The dead foxes were found on a farm over a ten day period. No pest control being undertaken on the farm. The carcasses were autolysed and tissues were only available from two of the animals. A residue of bromadiolone within the lethal range was detected in one fox, along with a smaller residue of brodifacoum. A low background residue of bromadiolone was present in the liver of the second fox.
06011	bromadiolone & difenacoum	unknown	sparrowhawk	January	Border	Dead sparrowhawk found in a garden of a village house. The bird had been in poor condition prior to death. Sub-lethal residues of bromadiolone and difenacoum present in liver tissue.
06012	difenacoum	unknown	eagle owl (2)	January	Fife	These captive birds died over the same weekend, possibly as a result of a management problem. A trace of difenacoum was identified in the liver tissue of one of the owls.
06016	difenacoum	unknown	buzzard	February	Highland	The buzzard had been in poor condition prior to death. No evidence of trauma. A sub-lethal residue of difenacoum was identified in liver tissue.

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06017	carbofuran	abuse	buzzard (2) & pigeon bait	February	Strathclyde	The remains of two buzzards were recovered from an area where there has been a history of abuse. Despite their advanced autolytic condition, residues of carbofuran were detected. A pigeon carcass had been skinned on the breast and a small metal stake pushed through the breast. A blue coloured granular material was clearly visible.
06021	carbofuran & carbosulfan	abuse	raven (2)	February	Border	Significant residues of carbofuran were present in the stomach content material and liver tissue of one raven. Carbosulfan was also identified in the stomach content material from the same raven. The limited remains of the second raven were submitted ~2 weeks later. A trace of carbofuran was detected from a sample of vertebrae and tissues from the throat area.
06022	bromadiolone & difenacoum	unspecified	barn owl	January	Dumfries & Galloway	This young barn owl was found in an old farm building. The residue of bromadiolone in liver tissue was within the anticipated lethal range. Difenacoum was also present in the liver. There was no evidence to indicate haemorrhage in the carcass, and starvation may have been the immediate cause of death.
06023	carbofuran	abuse	buzzard	February	Border	Adult bird that had been in good condition prior to death.

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06024	carbofuran	abuse	buzzard (4) & hare baits (3)	February	Border	Two dead buzzards were found in close proximity to what appeared to be poisonous baits prepared using hare carcasses. Both buzzards had been in very good condition prior to death. A few pieces of a granular material were observed in material from the beak and gullet of one of the buzzards. The exposed tissues of each of the hare carcasses had been heavily adulterated with a blue coloured granular material. Two other buzzards recovered during the field investigation were also shown to have been poisoned with carbofuran. Residues of bromadiolone were confirmed in liver tissue from three of the 4 buzzards.
06026	difenacoum, brodifacoum & bromadiolone	misuse	dog	February	Border	A post mortem examination indicated that the 12 week old dog had probably died as a result of anticoagulant poisoning. Residues of difenacoum and brodifacoum in liver tissue were both well into the lethal range. A significant residue of bromadiolone was also present. The field investigation established that the farm owner had discontinued rodent baiting by a pest control firm to carry it out himself. He had used Slaymor (bromadiolone) and Jaguar (brodifacoum). The dog was known to have ingested at least one rat carcass.
06031	bromadiolone & difenacoum	unspecified	red kite	March	Highland	The red kite was found beside a railway line. It had been in good bodily condition prior to death and there were signs of gross trauma to the head. Residues of bromadiolone and difenacoum were within the anticipated lethal range.

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06032	carbofuran	abuse	red kite, raven & rabbit bait	March	Highland	Dead kite and raven found within 200m of what appeared to be a poisonous bait. Both birds appeared to have been in good bodily condition prior to death. The rabbit had been cut open on the underside of the abdomen, and some of viscera had been removed. A blue coloured granular material had been placed in little pockets cut into the inner sides of the hind legs. More of this material adhered to the other exposed tissue surfaces.
06037	bromadiolone	starvation	buzzard	March	Grampian	Very low background residue of bromadiolone in liver tissue.
06038	difenacoum	unknown	tawny owl	March	Highland	Sub-lethal residue of difenacoum identified in liver tissue.
06041	bromadiolone	starvation	buzzard	March	Strathclyde	Very low background residue of bromadiolone present in liver tissue.
06042	difenacoum	unknown	sparrowhawk	March	Dumfries & Galloway	Very low background residue of bromadiolone present in liver tissue.

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06045	bromadiolone	approved-use	fox	March	Border	Bromadiolone residue in liver tissue well into lethal range. Deadline and sakrat (bromadiolone) had been used only by the local authority for rodent control on the farm. No evidence of improper baiting practices. Few dead rats ever recovered, those that were found tended to be found between bales in an open barn.
06046	bromadiolone & difenacoum	approved-use	dog	March	Border	Sudden onset of symptoms: abdominal pain, cloapse, tachycaria, pinpoint pupils follwed by death after ~ 48 hours. Significant residue of bromadiolone and a trace of difenacoum identified in liver tissue. Field investigation established that rodent baiting, using Bromatol (bromadiolone) and a small amount of Fentrol Gel (difenacoum), was being undertaken on the farm. The farm operated a policy of collecting and destroying rodent carcasses However was thought that the dog had managed to find and ingest one rat carcasse.
06048	difenacoum & bromadiolone	Unspecified	red kite	March	Highland	Residue of difenacoum in liver tissue was well within the lethal range. A trace of bromadiolone was present. The immediate cause of death was probably trauma.
06052	carbofuran & isofenphos	abuse	buzzard (2), crow, rabbit baits (2) & chemical	April	Strathclyde	Buzzards, a crow and rabbits were recovered from an area with a recent history of pesticide abuse. Blue coloured granular material evident on the rabbit carcasses, and a few were visible amongst material from the digestive tracts of both buzzards. A small bottle recovered by the investigating officers was shown to contain a carbofuran formulation.

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06054	carbofuran	abuse	pheasant bait	March	Tayside	Carcase recovered by police WCO. Confirmed to have been used to form a poisonous bait.
06055	chloralose	abuse	buzzard	April	Tayside	Buzzard had been in good bodily condition prior to death. Had recently ingested material from a game bird carcase. A low residue of bromadiolone was identified in liver tissue from this bird.
06056	chloralose	abuse	buzzard & tawny owl	April	Tayside	Birds had been recovered in a police WCO investigation. Low residues of bromadiolone and difenacoum were identified in the liver tissue from the
06057	bromadiolone	trauma	peregrine falcon	April	Border	Very low background residue of bromadiolone in liver tissue.
06058	carbofuran	abuse	buzzard	March	Central	Police/SEERAD investifation. A very low residue of bromadiolone was also detected in liver tissue from this bird.
06063	carbofuran	abuse	red kite	April	Highland	Dead kite found in a field. It had been in good bodily condition prior to death. Granules evident in digestive tract material. Low residues of bromadiolone and difenacoum were detected in liver tissue from this kite.
06067	carbofuran	abuse	red kite	April	Highland	A significant residue of brodifacoum and a trace of flocoumafen were also detected in liver tissue.
06068	carbofuran, aldicarb & gamma-HCH	abuse	cat, chemicals	April	Fife	Sudden death following a short period of vomiting. At least 2 other cats in the area believed to have died in similar circumstances. A jar containing aldicarb and a bottle containing gamma-HCH were recovered during a SEERAD field investigation
06072	difenacoum	unknown	buzzard	April	Grampian	Very low background residue of difenacoum in liver tissue.

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06073	mevinphos	abuse	raven	May	Highland	Raven found dead in a larch plantation close to a public footpath. A high profile police/SEERAD investigation failed to reveal any incriminating evidence.
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Ref.	Chemical	Category	Species	Month	County	Comments
06074	carbofuran	abuse	rabbit baits (2) & egg baits (3)	May	Strathclyde	Baits recovered from an area with a recent history of pesticide abuse. Same area as incidents 06017 & 06052.
06075	alphachloralose & strychnine	abuse	sparrowhawk, crow (4), rabbit bait (2), pheasant bait (2) & chemicals	May	Border	Substances recovered in a police/SEERAD investigation. Two suspected rabbit and two suspected pheasant baits were also submitted. Low residues of bromadiolone and difenacoum were confirmed in liver tissue from the sparrowhawk. No other pesticides were detected in the animal carcasses. Quantities of alphachloralose and strychnine were recovered during the investigation.
06078	aldicarb	abuse	raven, gull, egg baits (2) & chemical	May	Grampian	Small dark blue granular material present in remains of the egg. Prosecution, charges Wildlife & Countryside act, defendant fined £850.
06079	carbofuran	abuse	buzzard, raven, hooded crow & rabbit bait	May	Highland	Incident location in the same area as incident 06032. A residue of bromadiolone was detected in liver tissue from the buzzard.
06080	carbofuran	abuse	golden eagle	May	Grampian	Police WCO investigation
06083	bromadiolone & difenacoum	unknown	red kite	May	Highland	Sub-lethal residue of bromadiolone & difenacoum identified in liver tissue.
06084	carbofuran & isofenphos	abuse	rabbit bait	May	Tayside	Rabbit carcass staked out on hillside. Blue granules present in cuts to hind legs and to an exposed wound around the neck. Current police/SEERAD investigation.
06086	phorate	abuse	cows (6)	May	Fife	Bruised cereal feed in a trough in a field had been adulterated with granular phorate material.

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06091	carbofuran & isofenphos & chloralose	abuse	pigeon bait & various seized items	June	Tayside	One of a number of items recovered in a police/SEERAD investigation. Same area as 06084. Current police/SEERAD investigation.
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Ref.	Chemical	Category	Species	Month	County	Comments
06092	carbofuran	abuse	golden eagle	June	Highland	The dead eagle (3rd year female) was found near the summit of a hill. The bird had been in good bodily condition prior to death.
06094	carbofuran	abuse	buzzard, rabbit bait & egg baits	June	Strathclyde	Carcases recovered from the edge of a wood in the same general location as incident 06074. A very low residue of difenacoum was detected in liver tissue from the buzzard.
06097	carbofuran	abuse	red kite	June	Highland	Same area as incident 06063. Residues of bromadiolone, chlorophacinone and difenacoum were also detected in liver tissue from the bird.
06098	difenacoum	unknown	buzzard	June	Grampian	Very low background residue of difenacoum in liver tissue.
06104	gamma-HCH	abuse	dog	July	Tayside	Working dog took fit whilst gathering sheep on hill. Owner noticed a small fleck of blue material in the dogs mouth.
06106	metaldehyde	misuse	dog	July	Lothian	The dog was being walked beside fields near to its home. It entered a potato field where it was seen to eat something in the long grass around the edge of the field. The dog was returned home where it was left alone for several hours. When the owner returned the dog was dead. A post mortem examination revealed a large quantity of blue slug pellets in the dog's stomach. The field investigation has established that owing to the large size of the field, the hopper being used to apply the slug pellets had to be refilled several times. This was done at the edge of the field where there was a 3 metre margin of tall (60cm) rye grass. Failure to remove pellets spilled during the refilling process has resulted in the dog's death.

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06119	carbofuran, carbosulfan & sodium cyanide	abuse	pheasant baits, chemicals	August	Border	Residues of carbofuran and carbosulfan have been identified on several pheasant carcasses. A gamekeeper pled guilty to offences under the Wildlife & Countryside Act and the Protection of Animals Act and was ordered to carry out 220 hours of community service.
06120	carbofuran	abuse	peregrine falcon	June	Grampian	Severely decomposed peregrine falcon carcass found with feathers from a pigeon wing scattered around it. A residue of carbofuran was detected in liver tissue recovered from the bird. Current police investigation.
06127	metaldehyde	misuse	dog	September	Border	Farm dog died following the onset of acute nervous signs and convulsions. Blue substance found in the stomach suggested that metaldehyde poisoning may be responsible for the death. The field investigation has established that the day prior to the dog's illness there was a delivery of 8 x 18kg bags of slug pellets ("Allure") to the farm premises. As harvesting was underway the bags were unloaded and left in a shed which was being used. The bags were placed in secure storage within 24 hours. Following the illness of the dog the farmer inspected the bags and found one to have been punctured. He now suspects that the dog had access to the burst bag although no spillage was noticed on the shed floor.
06130	carbofuran	abuse	buzzard	September	Border	Old, partially desiccated buzzard carcass found. Analysis of material recovered from the body cavity and the mouth revealed residues of carbofuran. Current Police/SEERAD investigation.
06131	carbofuran	abuse	buzzard (2)	September	Strathclyde	Samples analysed from one of the buzzards indicated that carbofuran poisoning was the cause of death.

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06132	carbofuran	abuse	buzzard & rabbit bait	September	Strathclyde	Carbofuran identified in tissues from the buzzard and on a tissue sample taken from the rabbit.
06135	carbofuran	abuse	red kite	September	Highland	Red kite seen to fall from a tree. Residues of carbofuran have been detected in liver tissue and digestive tract material from the bird.
06138	carbofuran, alphachloralose, mevinphos, sodium cyanide & aluminium phosphide.	abuse	chemicals	September	Highland	Chemicals recovered from premises in an area where there is a history of pesticide poisoning
06139	carbofuran	abuse	buzzard (2)	September	Strathclyde	Residues of carbofuran have been detected in both birds.
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06140	carbofuran & isofenphos	abuse	raven, buzzards (2), rabbit baits (3) & egg bait & various seized items	September	Strathclyde	Current police investigation.
06144	carbofuran	abuse	buzzard	October	Border	A residue of brodifacoum was also detected in liver tissue from this bird.
06145	bromadiolone	unspecified	fox	October	Border	Found dead in a stubble field in an area with a history of abuse. A residue of bromadiolone within the lethal range was detected in liver tissue
06148	bromadiolone	unknown	buzzard	October	Grampian	Very low background residue of bromadiolone in liver tissue.
06150	carbofuran, alphachloralose & sodium cyanide	abuse	2 buzzards, crow, baits & chemicals	October	Grampian	Buzzard and crow poisoned with carbofuran. Rabbit baits used. The gamekeeper was fined £750 after he admitted being in possession of the three pesticides. Residues of bromadiolone and difenacoum were detected in liver tissue from the buzzard.
06152	difenacoum	unknown	red kite	October	Highland	Sub-lethal residue of difenacoum identified in liver tissue.

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06154	brodifacoum	disease	buzzard	November	Fife	Very low background residue of brodifacoum in liver tissue.
06155	difenacoum	unspecified	buzzard	November	Lothian	Found dead. A residue of difenacoum within the lethal range was detected in liver tissue.
06159	difenacoum	trauma	buzzard	October	Tayside	Very low background residue of difenacoum in liver tissue.
06161	carbofuran	abuse	buzzard	November	Border	A low residue of difenacoum was detected in liver tissue from this buzzard.
06164	brodifacoum	unknown	peregrine falcon	July	Highland	Very low residue of brodifacoum identified in liver tissue.
06165	bromadiolone	unknown	buzzard	June	Highland	Sub-lethal residue of bromadiolone identified in liver tissue.
06166	difenacoum	unspecified	red kite	June	Highland	This red kite was found dead after being hit by a car and caravan on the A9. The residue of difenacoum in liver tissue was within the anticipated lethal range. There was no evidence to indicate haemorrhage in the carcase. Trauma associated with a road traffic accident is likely to have been the immediate cause of death.
06167	difenacoum	unknown	red kite	April	Tayside	Very low residue of difenacoum identified in liver tissue.
06171	bromadiolone	unknown	fox	November	Grampian	Very low background residue of bromadiolone in liver tissue.