

Table S1. List of the active substances studied (limit of quantification = 10 µg/kg).

Active substances	Substance group	Main use ^a	Detection method
2,4-Dichlorophenoxyacetic acid	auxin	HB	LC-MS/MS
2,4-dimethylaniline (DMA) (Amitraz metabolite)	amidine	AC	LC-MS/MS
Abamectin	avermectin	IN-AC	LC-MS/MS
Acetamiprid	neonicotinoid	IN	LC-MS/MS
Acrinathrin	pyrethroid	IN-AC	GC-MS/MS
Aldicarb	carbamate	IN-AC-NE	LC-MS/MS
Aldicarb-sulfone (Aldicarb metabolite)	carbamate	IN-AC-NE	LC-MS/MS
Aldicarb-sulfoxide (Aldicarb metabolite)	carbamate	IN-AC-NE	LC-MS/MS
Alpha-Endosulfan	organochlorine	IN-AC	GC-MS/MS
Amitraz	amidine	AC	LC-MS/MS
Azoxystrobin	strobilurin	FU	LC-MS/MS
Benalaxyl	Acylalanine	FU	LC-MS/MS
Beta-Endosulfan	organochlorine	IN-AC	GC-MS/MS
Bifenthrin	pyrethroid	IN-AC	GC-MS/MS
Bitertanol	triazole	FU	LC-MS/MS
Boscalid	carboxamide	FU	LC-MS/MS
Bromopropylate	benzilate	AC	LC-MS/MS
Bupirimate	pyrimidinol	FU	LC-MS/MS
Captan	phtalimide	FU-BA	GC-MS/MS
Carbaryl	carbamate	IN-PG	LC-MS/MS
Carbendazim	benzimidazole	FU	LC-MS/MS
Carbofuran*	carbamate	IN-AC-NE	LC-MS/MS
Carbofuran-3-hydroxy (Carbofuran metabolite)	carbamate	IN-AC-NE	LC-MS/MS
Carbofuran-3-keto (Carbofuran metabolite)	carbamate	IN-AC-NE	LC-MS/MS
Carboxine	oxathiin	FU	LC-MS/MS
Chlorfenvinphos	organophosphate	IN-AC	GC-MS/MS
Chloridazon	pyridazinone	HB	LC-MS/MS
Chlormequat chloride	quaternary ammonium	PG	LC-MS/MS
Chlorpropham	carbamate	HB-PG	GC-MS/MS
Chlorpyrifos	organophosphate	IN	GC-MS/MS
Chlorpyrifos-methyl	organophosphate	IN-AC	LC-MS/MS
Clomazone	isoxazolidinone	HB	LC-MS/MS
Clothianidin	neonicotinoid	IN	LC-MS/MS
Coumaphos	organophosphate	IN-AC	GC-MS/MS
Cyfluthrin-beta	pyretroid	IN	GC-MS/MS
Cyhalothrin	pyretroid	IN	GC-MS/MS
Cypermethrin	pyretroid	IN	GC-MS/MS
Cyproconazole	triazole	FU	LC-MS/MS
Cyprodinil	anilinopyrimidine	FU	LC-MS/MS
Deltamethrin	pyretroid	IN	GC-MS/MS
Diflubenzuron	benzoylurea	IN	LC-MS/MS
Dimethoate	organophosphate	IN-AC	LC-MS/MS
Dimethomorph	morpholine	FU	LC-MS/MS
Dinotefuran	neonicotinoid	IN	LC-MS/MS
Dithianon	quinone	FU	LC-MS/MS
Dodemorph	morpholine (isomer mix)	FU	LC-MS/MS
Dodine	guanidine	FU	LC-MS/MS
Emamectin	avermectin	IN-AC	LC-MS/MS
Esfenvalerate	pyretroid	IN	GC-MS/MS
Ethoprophos	organophosphate	IN-NE	GC-MS/MS
Etofenprox	pyretroid	IN	LC-MS/MS
Etoxazole	diphenyl oxazoline	AC	LC-MS/MS
Etridiazole	aromatic hydrocarbon	FU	GC-MS/MS

Fenamidone	imidazole	FU	LC-MS/MS
Fenamiphos	organophosphate	NE	LC-MS/MS
Fenamiphos sulfone (Fenamiphos metabolite)	organophosphate	NE	LC-MS/MS
Fenamiphos sulfoxide (Fenamiphos metabolite)	organophosphate	NE	LC-MS/MS
Fenarimol	pyrimidine	FU	LC-MS/MS
Fenazaquin	quinazoline	IN-AC	LC-MS/MS
Fenbuconazole	triazole	FU	LC-MS/MS
Fenothiocarb	thiocarbamate	AC	LC-MS/MS
Fenoxycarb	carbamate	IN	LC-MS/MS
Fenpropidin	piperidine	FU	LC-MS/MS
Fenpropimorph	morpholine	FU	LC-MS/MS
Fenpyroximate	pyrazole	IN-AC	LC-MS/MS
Fenvalerate	pyrethroid	IN-AC	GC-MS/MS
Fipronil	phenylpyrazole	IN	GC-MS/MS
Fipronil sulfone (Fipronil metabolite)	phenylpyrazole	IN	GC-MS/MS
Flazasulfuron	sulfonylurea	HB	LC-MS/MS
Fluazifop- <i>P</i> -butyl	aryloxyphenoxypropionate	HB	LC-MS/MS
Flufenacet	oxyacetamide	HB	LC-MS/MS
Fludioxonil	phenylpyrrole	FU	LC-MS/MS
Flumethrin	pyrethroid	IN	GC-MS/MS
Fluopicolide	benzamide	FU	GC-MS/MS
Fluopyram	benzamide, pyramide	FU-NE	GC-MS/MS
Fluquinconazole	triazole	FU	GC-MS/MS
Flupyradifurone	butenolide	IN	LC-MS/MS
Flusilazole	triazole	FU	LC-MS/MS
Flutriafol	triazole	FU	LC-MS/MS
Folpet	phtalimide	FU	GC-MS/MS
Formetanate	formamidine	IN-AC	LC-MS/MS
Fosthiazate	organophosphate	IN-NE	LC-MS/MS
Imazalil	imidazole	FU	LC-MS/MS
Imazosulfuron	sulfonylurea	HB	LC-MS/MS
Imidacloprid	neonicotinoid	IN	LC-MS/MS
Indoxacarb	oxadiazine	IN	GC-MS/MS
Iprodione	dicarboximide	FU	GC-MS/MS
Iprovalicarb	carbamate	FU	LC-MS/MS
Isopyrazam	pyrazole	FU	GC-MS/MS
Isoxaflutole	oxyacetamide	HB	LC-MS/MS
Kresoxim-methyl	strobilurin	FU	GC-MS/MS
Lambda-cyhalothrin	pyrethroid	IN	GC-MS/MS
Linuron	urea	HB	LC-MS/MS
Malaoxon (Malathion metabolite)	organophosphate	IN-AC	LC-MS/MS
Malathion	organophosphate	IN-AC	LC-MS/MS
Mepanipyrim	anilinopyrimidine	FU	LC-MS/MS
Metalaxyl	phenylamide	FU	LC-MS/MS
Metamitron	triazinone	HB	LC-MS/MS
Metazachlor	chloroacetamide	HB	LC-MS/MS
Methiocarb	carbamate	IN-MO-RE	LC-MS/MS
Methiocarb sulfoxide (Methiocarb metabolite)	carbamate	IN-MO-RE	LC-MS/MS
Methomyl	carbamate	IN-AC	LC-MS/MS
Metolachlor	chloroacetanilide	HB	LC-MS/MS
Metrafenone	benzophenone	FU	
Metribuzin	triazinone	HB	LC-MS/MS
Myclobutanil	triazole	FU	GC-MS/MS
N-(2,4-Dimethylphenyl)formamide (DMPF) (Amitraz metabolite)	amidine	AC	LC-MS/MS

N-(2,4-Dimethylphenyl)-N'-methylformamidine (DMF) (Amitraz metabolite)	amidine	AC	LC-MS/MS
Norflurazon	pyridazinone	HB	LC-MS/MS
Nytempiram ^o	neonicotinoid	IN	LC-MS/MS
Omethoate (Dimethoate metabolite)	organophosphate	IN-AC	LC-MS/MS
Oxamyl	carbamate	IN-AC-NE	LC-MS/MS
Penconazole	triazole	FU	GC-MS/MS
Pencycuron	phenylurea	FU	LC-MS/MS
Pendomethalin	dinitroaniline	HB	GC-MS/MS
Permethrin	pyretroid	IN	GC-MS/MS
Phosmet	organophosphate	IN-AC	GC-MS/MS
Pinoxaden	phenylpyrazole	HB	GC-MS/MS
Piperonyl butoxide	safrole	SY	LC-MS/MS
Pirimicarb	carbamate	IN	LC-MS/MS
Pirimicarb-desmethyl (Pirimicarb metabolite)	carbamate	IN	LC-MS/MS
Pirimiphos-methyl	organophosphate	IN-AC	LC-MS/MS
Prochloraz	imidazole	FU	LC-MS/MS
Procymidone	dicarboximide	FU	GC-MS/MS
Propamocarb	carbamate	FU	LC-MS/MS
Propiconazole	triazole	FU	LC-MS/MS
Propyzamide	benzamide	HB	LC-MS/MS
Pyraclostrobin	strobilurin	FU	LC-MS/MS
Pyridaben	pyridazinone	IN-AC	LC-MS/MS
Pyrimethanil	anilinopyrimidine	FU	LC-MS/MS
Pyriproxyfen	unclassified	IN	LC-MS/MS
Quinoxifen	quinoline	FU	GC-MS/MS
Rimsulfuron	sulfonylurea	HB	LC-MS/MS
Rotenone	isoflavones	IN	LC-MS/MS
Simazine	triazine	HB	LC-MS/MS
Spirodiclofen	tetronic acid	IN-AC	LC-MS/MS
Spirotetramat	tetramic acid	IN	LC-MS/MS
Sulfoxaflor	sulfoximine	IN	LC-MS/MS
Tau-Fluvalinate	pyretroid	IN-AC	GC-MS/MS
Tebuconazole	triazole	FU	LC-MS/MS
Tebufenozide	diacylhydrazine	IN	LC-MS/MS
Tebufenpyrad	pyrazole	AC	LC-MS/MS
Teflubenzuron	benzoylurea	IN	LC-MS/MS
Tefluthrin	pyrethroid	IN	LC-MS/MS
Tepraloxydim	cyclohexanedione	HB	LC-MS/MS
Terbuthylazine	triazine	HB	LC-MS/MS
Tetraconazole	triazole	FU	LC-MS/MS
Tetramethrin	pyrethroid	IN	GC-MS/MS
Thiabendazole	benzimidazole	FU	LC-MS/MS
Thiacloprid	neonicotinoid	IN	LC-MS/MS
Thiamethoxam	neonicotinoid	IN	LC-MS/MS
Thifensulfuron-methyl	sulfonylurea	HB	LC-MS/MS
Thiobencarb	thiocarbamate	HB	LC-MS/MS
Thiodicarb	carbamate	IN	LC-MS/MS
Thiophanate-methyl	benzimidazole	FU	LC-MS/MS
Thiram	dithiocarbamate	FU	LC-MS/MS
Tolclofos-methyl	chlorophenyl	FU	GC-MS/MS
Tribenuron-methyl	sulfonylurea	HB	LC-MS/MS
Trifloxystrobin	strobilurin	FU	GC-MS/MS
Triflumuron	benzoylurea	IN	LC-MS/MS
Triticonazole	triazole	FU	LC-MS/MS

^a AC acaricide, BA bactericide, FU fungicide, HB herbicide, IN insecticide, MO molluscicide, NE nematocide, PG Plant Growth regulator, RE repellent, SY synergist

LC-MS/MS Liquid Chromatography coupled with tandem Mass Spectrometry, GC-MS/MS Gas Chromatography coupled with tandem Mass Spectrometry