

**Table S1**

List of analysed pesticides with their category of use (AC – acaricide, AL – algicide, VMP – veterinary medicinal product, FU – fungicide, HB – herbicide, IN – insecticide, MO – molluscicide, NE – nematocide, PG – plant growth regulator, RE – repellent, ST – soil treatment) and their metabolites (MET), and LOQ values.

Compound	Category	LOQ (mg/kg)	Compound	Category	LOQ (mg/kg)
1-Naphthylacetamide (NAD)	(1-PG	0.001	Iodosulfuron-methyl-sodium	HB	0.001
2,4-D	HB, PG	0.01	Ipconazole	FU	0.005
2,4-Dimethylanilin (DMA)	MET	0.1	Iprodione	FU, NE	0.01
N-2,4-Dimethylphenylformamide (DMF)	MET	0.005	Isoproturon	HB	0.005
N-2,4-Dimethylphenyl-N'-methylformamidine (DMPF)	MET	0.01	Isopyrazam	FU	0.001
6-Chloro-4-hydroxy-3-phenylpyridazine	MET	0.001	Isoxaflutole	HB	0.001
Abamectin	AC, IN	0.1	Kresoxim-methyl	FU	0.005
Acetamiprid	IN	0.001	Lambda-Cyhalothrin	IN	0.001
Alpha-Cypermethrin	IN	0.005	Lenacil	HB	0.001
Amidosulfuron	HB	0.001	Linuron	HB	0.001
Azoxystrobin	FU	0.001	Mandipropamid	FU	0.001
Bentazone	HB	0.001	Malathion	IN, AC	0.005
6-Hydroxy Bentazon	MET	0.01	MCPA	HB	0.005
Beta-Cyfluthrin	IN	0.005	MCPB	HB	0.1
Bifenazate	AC	0.01	Mecoprop-P (MCP-P)	HB	0.01
Bifenox	HB	0.005	Mepanipyrim	FU	0.01
Bifenthrin	IN	0.005	Mesosulfuron-methyl	HB	0.001
Bixafen	FU	0.001	Mesotrione	HB	0.005
Boscalid	FU	0.001	Metaflumizone	IN	0.01
Bromopropylate	VMP	0.001	Metalaxyl-M/Metalaxyl	FU	0.001
Bromoxynil	HB	0.01	Metamitron	HB	0.005
Bupirimate	FU	0.001	Metazachlor	HB	0.001
Carbendazim	FU	0.001	Metconazole	FU, PG	0.005
Carbetamide	HB	0.001	Methiocarb	IN, MO, RE	0.001
Carboxine	FU	0.001	Methiocarb sulfone	MET	0.001
Carfentrazone-ethyl	HB	0.001	Methiocarb sulfoxide	MET	0.001
Chlorantraniliprole	IN	0.001	Methoxyfenozide	IN	0.005
Chloridazon	HB	0.001	Methyl isothiocyanate (MITC)	MET	0.1
Chlorothalonil	FU	0.01	Metrafenone	FU	0.005
Chlorotoluron	HB	0.001	Metribuzin	HB	0.005
Chlorpropham	PG, HB	0.001	Metsulfuron-methyl	HB	0.001
Chlorpyrifos	IN, AC	0.001	Myclobutanil	FU	0.1
Chlorpyrifos-methyl	IN, AC	0.001	Napropamide	HB	0.001
Chlorsulfuron	HB	0.001	Nicosulfuron	HB	0.001
Clethodim	HB	0.005	Nitenpyram	IN	0.005
Clofentezine	AC	0.005	Novaluron	IN	0.01

Clomazone	HB	0.001	Oxyfluorfen	HB	0.01
Clothianidin	IN	0.005	Pencycuron	FU	0.001
Coumaphos	VMP	0.001	Pendimethalin	HB	0.001
Cyazofamid	FU	0.005	Pethoxamid	HB	0.001
Cycloxydim	HB	0.01	Phenmedipham	HB	0.005
Cyflufenamid	FU	0.001	Phosmet	IN	0.005
Cymiazol	VMP	0.005	Picoxystrobin	FU	0.001
Cymoxanil	FU	0.005	Pirimicarb	IN	0.001
Cyproconazole	FU	0.005	Pirimicarb-desmethyl	MET	0.001
Cyprodinil	FU	0.01	Pirimiphos-methyl	IN	0.001
Deltamethrin	IN	0.005	Prochloraz	FU	0.005
Desmedipham	HB	0.001	Propamocarb	FU	0.005
Dichlorprop-P (2,4-DP)	HB	0.01	Propaquizafop	HB	0.001
Difenoconazole	FU	0.001	Propiconazole	FU	0.005
Diiflubenzuron	IN	0.001	Propoxycarbazone-sodium	HB	0.005
Diiflufenican	HB	0.005	Propyzamide	HB	0.001
Dimethachlor	HB	0.001	Proquinazid	FU	0.005
Dimethoate	IN, AC	0.001	Prosulfocarb	HB	0.005
Dimethomorph	FU	0.001	Prothioconazole	FU	0.1
Dimoxystrobin	FU	0.001	Prothioconazole-desthio	MET	0.001
Dithianon	FU	0.1	Pyraclostrobin	FU, PG	0.001
Epoxiconazole	FU	0.001	Pyridate	HB	0.005
Esfenvalerate	IN	0.005	Pyrimethanil	FU	0.005
Ethofumesate	HB	0.01	Pyriproxyfen	IN	0.005
Ethoprophos	NE, IN	0.001	Quinoclamine	AL, HB	0.005
Etofenprox	IN	0.001	Quinoxifen	FU	0.01
Etoxazole	IN	0.005	Quizalofop-P-ethyl	HB	0.005
Famoxadone	FU	0.005	Quizalofop-P-tefuryl	HB	0.01
Fenazaquin	AC	0.001	Rimsulfuron	HB	0.001
Fenbuconazole	FU	0.005	S-Metolachlor	HB	0.001
Fenhexamid	FU	0.01	Silthiofam	FU	0.001
Fenoxaprop-P-ethyl	HB	0.005	Spinosyn A	IN	0.0008
Fenpropidin	FU	0.005	Spinosyn D	IN	0.0012
Fenpropimorph	FU	0.005	Spirodiclofen	AC, IN	0.005
Fenpyroximate	AC	0.005	Spirotetramat	IN	0.001
Fipronil	IN	0.001	Spirotetramat-enol	MET	0.001
Fipronil-carboxamide	MET	0.001	Spirotetramat-enol-glucoside	MET	0.001
Fipronil-desulfinyl	MET	0.005	Spirotetramat-keto-hydroxy	MET	0.01
Fipronil-sulfide	MET	0.001	Spiroxamine	FU	0.001
Fipronil-sulfone	MET	0.001	Sulcotrione	HB	0.01
Flazasulfuron	HB	0.001	Sulfosulfuron	HB	0.001
Flonicamid	IN	0.01	tau-Fluwalinate	IN, VMP	0.005
Florasulam	HB	0.001	Tebuconazole	FU	0.001
Fluazifop-P-butyl	HB	0.005	Tebufenozide	IN	0.1
Fluazinam	FU	0.005	Tebufenpyrad	AC	0.005
Fludioxonil	FU	0.001	Teflubenzuron	IN	0.01
Flufenacet	HB	0.001	Tefluthrin	IN	0.001
Fluquinconazole	FU	0.001	Tembotrione	HB	0.01
Flurochloridon	HB	0.005	Tepraloxymid	HB	0.01
Fluroxypyr	HB	0.1	Terbuthylazine	HB	0.005

Fluroxypyr-1-methylheptyl ester	MET	0.01	Tetraconazole	FU	0.005
Flusilazole	FU	0.001	Thiacloprid	IN	0.001
Flutriafol	FU	0.01	Thiacloprid-amide	MET	0.001
Foramsulfuron	HB	0.001	Thiamethoxam	IN	0.005
Gibberellin A4	PG	0.1	Thifensulfuron-methyl	HB	0.001
Hexythiazox	AC, IN	0.005	Thiophanate-methyl	FU	0.001
Hymexazol	FU	0.1	Tralkoxidym	HB	0.005
Imazalil	FU	0.005	Triadimenol	FU	0.01
Imidacloprid	IN	0.001	Tribenuron-methyl	HB	0.1
Imidacloprid-olefin	MET	0.001	Trifloxystrobin	FU	0.001
Imidacloprid-urea	MET	0.001	Triflusulfuron-methyl	HB	0.005
6-Chloronicotinic acid	MET	0.1	Trinexapac-ethyl	PG	0.1
Indole-3-butyric acid (IBA)	PG	0.01	Triticonazole	FU	0.005
Indoxacarb	IN	0.005	zeta-Cypermethrin	IN	0.005

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