

## Tables

Table S1: Names, CAS number, Log P and HPLC-MS/MS acquisition parameters of studied pesticides and contaminants

Pesticides	R <sub>t</sub> (min)	CAS number	Log P	Quantification transition					Confirmation transition				
				Precursor ions (m/z)	Fragment ions (m/z)	DP (V)	CE (V)	CXP (V)	Precursor ions (m/z)	Fragment ions (m/z)	DP (V)	CE (V)	CXP (V)
Acephate	3.91	30650-19-1	-0.85	184	143	66	13	12	184	125	66	25	22
Acetochlor	5.53	34256-82-1	3.03	270	224	56	11	12	270	148	56	29	8
Acibenzolar-S- methyl	6.41	135158-54-2	3.01	211	136	46	39	6	211	140	46	31	6
Alachlor	6.72	15972-60-8	3.52	270	162	71	25	8	270	45	71	27	10
Aldicarb sulfone	3.02	1646-88-4	-0.57	223	86	76	29	14	223	148	76	13	14
Ametoctradin	7.85	865318-97-4	4. 40	276	70	26	81	10	276	43	26	103	8
Ametryn	5.43	834-12-8	2.98	228	186	60	37	14	228	96	60	35	16
Anilofos	6.92	64249-01-0	3.81	368	199	66	19	18	368	125	66	45	18
Azaconazole	4.37	60207-31-0	2.32	302	161	56	39	10	302	231	56	23	12
Azinphos-methyl	5.02	86-50-0	2.75	318	261	71	11	20	318	132	71	21	8
Aziprotryne	5.92	4658-28-0	3.00	226	156	76	21	12	226	125	76	17	14
Azoxystrobin	5.55	131860-33-8	2.50	404	372	66	21	10	404	344	66	29	18
Barban	7.24	101-27-9	3.41	258	143	86	29	10	258	178	86	13	12
Benalaxyl	6.79	71626-11-4	3.40	326	148	76	27	8	326	208	76	21	10
Benoxacor	7.34	98730-04-2	2.70	262	149	156	25	16	262	134	156	39	14
Bifenox	9.21	42576-02-3	4.48	359	310	64	17	18	359	189	64	35	20
Bixafen	6.46	581809-46-3	4.70	415	395	126	21	24	415	267	126	33	18
Boscalid	7.15	188425-85-6	2.96	343	307	106	29	18	343	140	106	29	12
Bupirimate	7.64	41483-43-6	2.70	317	166	71	33	16	317	237	71	27	18
Buprofezin	9.04	69327-76-0	4.30	306	201	56	17	14	306	116	56	23	20
Chlorfenvinphos	8.40	470-90-6	3.81	359	155	69	19	8	359	99	69	43	16
Chlorobromuron	8.51	13360-45-7	3.09	295	206	136	27	20	293	203	136	31	12
Chlorfluazuron	10.32	71422-67-8	5.80	542	385	176	33	18	542	158	176	27	8
Chlorpyrifos	9.11	2921-88-2	4.96	350	97	86	41	6	350	198	86	25	10

Chlorpyrifos-methyl	9.23	5598-13-0	4.31	322	125	71	27	6	322	290	71	25	16
Cinosulfuron	4.76	94593-91-6	2.04	414	183	81	23	10	414	215	81	21	10
Climbazole	5.94	38083-17-9	3.70	293	197	111	23	24	293	69	111	59	16
Clodinafop-propargyl	6.02	105512-06-9	3.90	350	266	104	21	14	350	91	104	41	18
Clofentezine	5.87	74115-24-5	3.10	303	138	60	27	10	303	102	60	59	18
Cloquintocet-mexyl	7.32	99607-70-2	5.03	336	238	91	27	12	336	192	91	41	12
Coumaphos	6.51	56-72-4	4.13	363	227	101	35	12	363	307	101	23	16
Coumatetralyl	5.46	5836-29-3	3.46	293	175	66	45	16	293	141	66	41	12
Crufomate	8.76	299-86-5	3.42	292	236	96	27	14	292	108	96	39	6
Cyanazine	7.11	21725-46-2	2.22	241	214	81	25	12	241	243	81	25	14
Cycloxydim	6.21	101205-02-1	3.20	326	280	101	19	16	326	180	101	29	12
Cyflumetofen	5.98	400882-07-7	4.30	465	173	121	33	10	465	249	121	53	32
Cymiazole	2.96	61676-87-7	0.60	219	171	86	37	14	219	144	86	43	8
Cyproconazole	4.67	94361-06-5	2.90	292	70	81	35	10	292	125	81	35	6
Cyprodinil	9.58	121552-61-2	4.00	226	93	84	47	16	226	91	84	49	16
Demeton-S-methyl sulfone	3.48	17040-19-6	-0.30	263	169	61	23	14	263	121	61	23	10
Desmetryn	5.86	1014-69-3	2.38	214	172	126	23	10	214	124	126	59	20
Diafenthiuron	10.05	80060-09-9	6.00	385	329	26	25	20	385	270	26	19	18
Dialifos	7.76	10311-84-9	4.69	394	208	39	23	10	394	187	39	13	12
Diazinon	7.43	333-41-5	3.81	305	169	71	29	8	305	97	71	41	6
Diclofop-methyl	6.92	51338-27-3	4.62	358	281	64	21	16	358	120	64	39	8
Diethofencarb	5.67	87130-20-9	2.91	268	226	81	15	12	268	180	81	23	10
Difenoconazole	8.54	119446-68-3	4.30	406	251	66	37	14	406	337	66	23	18
Diflufenican	7.78	83164-33-4	4.90	395	266	66	33	16	395	246	66	49	16
Dimethachlor	9.08	50563-36-5	2.17	256	224	86	21	14	256	148	86	33	8
Dimethenamid	7.63	87674-68-8	2.15	276	244	44	29	10	276	168	44	33	10
Dimethomorph	6.70	110488-70-5	2.68	388	301	91	29	18	388	165	91	43	8
Dimoxystrobin	5.56	149961-52-4	3.90	327	205	56	15	12	327	116	56	57	14
Dioxathion	4.89	78-34-2	3.00	474	271	96	19	14	474	97	96	61	6
Dipropetryn	6.87	4147-51-7	3.81	256	214	51	31	12	256	144	51	37	10
Ditalimphos	7.67	5131-24-8	3.48	300	148	76	29	26	300	130	76	47	10
Eamectin Ba	10.78	155569-91-8	5.00	886	158	36	43	10	886	82	36	127	12

Emamectin Bb	10.03	155569-91-8	3.70	886	158	36	43	10	886	82	36	127	12
Epoxiconazole	8.91	133855-98-8	3.44	330	121	81	27	6	330	101	81	63	6
Etaconazole	9.12	60207-93-4	3.10	329	159	86	37	12	329	55	86	47	8
Ethion	10.73	563-12-2	5.07	385	199	36	17	12	385	171	36	23	8
Ethofumesate	4.00	26225-79-6	2.70	287	121	81	23	8	287	161	81	27	10
Ethoprophos	7.34	13194-48-4	3.59	243	131	56	29	6	243	97	56	41	10
Etoxazole	6.75	153233-91-1	5.59	360	141	71	41	14	360	113	71	79	8
Etrimfos	4.51	38260-54-7	3.20	293	125	81	33	6	293	265	81	21	14
Famoxadone	3.79	131807-57-3	4.65	392	331	61	15	18	392	238	61	23	12
Fenamiphos	6.00	22224-92-6	3.23	304	217	81	31	12	304	202	81	45	10
Fenarimol	7.65	60168-88-9	3.65	331	268	86	33	18	331	81	86	47	4
Fenazaquin	9.76	120928-09-8	5.51	307	161	56	31	8	307	147	56	25	8
Fenbuconazole	8.09	114369-43-6	3.23	337	125	76	37	6	337	70	76	33	6
Fenpropidin	7.95	67306-00-7	5.50	274	147	76	37	8	374	117	76	65	6
Fenpropimorph	9.12	67564-91-4	4.93	304	147	91	39	8	304	117	91	71	8
Fenpyroximate	5.69	134098-61-6	5.01	422	366	126	23	10	422	135	126	41	8
Fensulfothion	4.09	115-90-2	2.23	309	281	66	17	16	309	253	66	25	16
Fensulfothion-oxon	5.32	6552-21-2	1.40	264	231	101	23	14	264	216	101	33	14
Fensulfothion-sulfone	4.63	14255-72-2	2.56	325	269	51	21	16	325	297	51	17	18
Fenthion	2.78	55-38-9	4.09	279	247	66	19	16	279	169	66	17	14
Fenthion sulfone	4.42	3761-42-0	2.80	311	125	101	29	8	311	279	101	27	16
Fenthion sulfoxide	3.25	3761-41-9	2.70	295	280	96	25	16	295	127	96	41	22
Flamprop-isopropyl	7.39	52756-22-6	3.69	364	105	64	15	12	364	304	64	17	8
Flazasulfuron	3.15	104040-78-0	1.08	408	182	96	23	12	408	227	96	25	10
Florasulam	3.12	145701-23-1	1.22	360	129	80	29	8	360	192	80	23	10
Flubendiamide	6.74	272451-65-7	4.20	683	408	176	13	20	683	256	176	85	14
Flucycloxuron	7.46	94050-52-9	6.10	484	132	71	45	22	484	169	71	57	22
Flufenacet	5.85	142459-58-3	3.20	364	194	44	17	12	364	152	44	27	8
Flufenoxuron	9.54	101463-69-8	6.16	489	158	71	27	8	489	141	71	57	6
Fluopicolide	5.45	239110-15-7	3.26	385	175	71	33	14	385	173	71	33	14
Flurochloridon	4.87	61213-25-0	3.36	312	292	76	29	18	312	145	76	67	8
Flurprimidol	4.42	56425-91-3	3.34	313	270	36	33	16	313	201	36	23	12
Flurtamone	4.59	96525-23-4	4.50	334	247	81	39	14	334	178	81	67	10

Flusilazole	6.29	85509-19-9	3.70	316	247	106	27	14	316	169	106	25	14
Fluxapyroxad	7.21	907204-31-3	3.70	382	362	166	19	16	382	342	166	29	32
Fluxastrobin	5.62	887973-21-9	2.86	460	428	81	25	12	460	189	81	19	26
Fonofos	6.08	944-22-9	3.94	247	137	96	15	8	247	109	96	25	6
Foramsulfuron	2.00	173159-57-4	-0.78	453	182	61	27	12	453	272	61	21	16
Forchlofenuron	4.56	68157-60-8	3.20	248	129	111	23	12	248	155	111	23	10
Furmecyclox	8.46	60568-05-0	3.10	252	170	56	17	12	252	129	56	31	16
Haloxfop-methyl	8.73	69806-40-2	4.07	376	316	129	23	18	376	288	129	33	14
Heptenophos	5.41	23560-59-0	2.32	251	127	96	23	22	251	109	96	37	6
Hexazinone	4.32	51235-04-2	1.85	253	171	71	21	8	253	71	71	47	4
Hexythiazox	8.56	78587-05-0	5.57	353	228	71	23	14	353	168	71	33	12
Imazalil	6.39	35554-44-0	3.82	297	159	66	31	14	297	201	66	23	10
Imazosulfuron	3.77	122548-33-8	2.43	413	153	61	19	10	413	156	61	29	10
Imibenconazole	5.22	86598-92-7	4.94	411	125	86	43	8	411	171	86	27	10
Indoxacarb	6.00	144171-61-9	4.65	528	293	64	21	18	528	203	64	51	12
Ipconazole	7.43	125225-28-7	4.21	334	70	151	67	10	334	125	151	61	16
Isofenphos	8.81	25311-71-1	4.12	346	245	86	17	14	346	217	86	33	16
Isofenphos-methyl	8.02	99675-03-3	3.80	332	231	61	19	20	332	273	61	7	14
Isopyrazam	5.69	881685-58-1	4.00	360	244	111	35	18	360	320	111	31	16
Isoxaflutole	4.09	141112-29-0	2.32	360	251	31	21	8	360	220	31	27	18
Kresoxim-methyl	5.32	143390-89-0	3.40	331	116	66	25	20	314	206	66	13	10
Linuron	4.63	330-55-2	3.20	249	160	66	25	10	249	182	66	23	12
Malaoxon	2.78	1634-78-2	0.60	315	127	66	19	8	315	269	66	13	16
Malathion	4.42	121-75-5	2.36	331	127	86	17	8	331	285	86	11	16
Mecarbam	4.20	2595-54-2	2.29	330	227	76	15	12	330	97	76	45	6
Mepanipyrim	6.49	110235-47-7	3.28	224	106	119	35	6	224	77	119	49	8
Metaflumizone	9.16	139968-49-3	6.20	507	178	176	33	10	507	287	176	35	6
Metalaxyl	3.74	57837-19-1	1.65	280	220	81	19	12	280	160	81	31	10
Metazachlor	4.04	67129-08-2	2.13	278	134	66	29	8	278	210	66	15	10
Methabenzthiazuron	6.41	18691-97-9	2.64	222	165	76	23	10	222	150	76	45	12
Methidathion	5.85	950-37-8	2.20	303	145	79	13	26	303	85	79	29	14
Methiocarb	4.96	2032-65-7	2.92	226	169	74	15	10	226	169	74	25	8
Methoprotryne	3.49	841-06-5	2.82	272	198	61	31	8	272	240	61	27	14

Methoxyfenozide	4.81	161050-58-4	3.70	369	149	86	23	8	369	133	86	31	8
Metobromuron	3.67	3060-89-7	2.38	259	148	81	23	10	259	172	81	27	10
Metolachlor	4.50	51218-45-2	3.13	284	252	76	21	16	284	176	76	35	10
Metrafenone	7.43	220899-03-6	4.60	409	209	39	21	10	409	227	39	25	14
Napropamid	7.21	15299-99-7	3.36	272	129	96	21	16	272	199	96	19	12
Norflurazon	6.60	27314-13-2	2.30	304	284	99	31	16	304	160	99	41	8
Oxadiargyl	8.03	39807-15-3	3.95	341	230	56	21	14	341	151	56	24	15
Oxycarboxim	2.16	5259-88-1	0.77	268	175	96	21	16	268	147	96	29	16
Paclobutrazol	5.80	76738-62-0	3.20	294	70	84	39	10	294	125	84	49	6
Pencycuron	7.53	66063-05-6	4.82	329	125	196	35	14	329	99	196	83	6
Penthiopyrad	6.99	183675-82-3	4.00	360	276	141	21	26	360	177	141	41	12
Pethoxamid	6.14	106700-29-2	3.50	296	131	46	29	8	296	250	46	19	16
Phenthoate	5.87	2597-03-7	3.69	321	163	81	17	8	321	163	81	17	10
Phosalone	8.76	2310-17-0	4.38	368	182	69	19	14	368	11	69	51	8
Phosmet	5.36	732-11-6	2.78	318	133	79	51	8	318	160	79	19	14
Phosphamidon	3.21	13171-21-6	0.79	300	127	76	29	12	300	174	76	19	8
Phoxim	8.12	14816-18-3	4.39	299	129	46	17	6	299	77	46	41	12
Picolinafen	8.54	137641-05-5	4.90	377	238	76	43	14	377	145	76	69	10
Picoxystrobin	7.60	117428-22-5	3.60	368	205	81	15	10	368	145	81	27	10
Pinoxaden	7.11	243973-20-8	3.20	401	317	121	29	14	401	57	121	29	18
Piperonyl Butoxyde	9.61	51-03-6	4.75	356	177	64	17	14	356	119	64	49	8
Pirimiphos-ethyl	8.58	23505-41-1	4.85	334	198	81	29	10	334	182	81	27	12
Pirimiphos-methyl	7.29	29232-93-7	4.20	306	164	71	29	8	306	108	71	39	6
Prochloraz	7.77	67747-09-5	4.10	376	308	66	17	16	376	266	66	23	14
Profenofos	8.03	41198-08-7	4.68	373	303	76	25	18	373	97	76	43	16
Prometon	5.48	1610-18-0	2.99	226	142	41	29	10	226	184	41	23	10
Prometryn	5.67	7287-19-6	3.51	242	158	86	33	10	242	200	86	25	12
Propaphos	6.36	7292-16-2	3.67	305	221	90	21	14	305	141	90	35	8
Propaquinazid	9.89	189278-12-4	5.50	373	331	41	21	30	373	289	41	33	16
Propargite	9.71	2312-35-8	5.00	368	231	49	17	24	368	175	49	23	16
Propazine	4.87	139-40-2	2.93	230	146	96	33	12	230	188	96	23	12
Propiconazole	5.98	60207-90-1	3.72	342	159	61	37	8	342	69	61	33	4
Propyzamide	6.12	23950-58-5	3.43	256	173	76	31	8	256	190	76	19	12

Prosulfocarb	6.69	52888-80-9	4.65	252	91	71	31	16	252	128	71	19	8
Pyraclostrobin	7.99	175013-18-0	3.99	388	194	66	19	16	388	163	66	29	6
Pyrazophos	7.51	13457-18-6	3.80	374	222	86	29	12	374	194	86	43	10
Pyridaben	9.64	96489-71-3	6.37	365	309	96	19	18	365	147	96	31	8
Pyridafenthion	8.72	119-12-0	3.20	341	189	61	29	10	341	205	61	27	10
Pyridate	10.09	55512-33-9	6.60	379	207	56	25	14	379	351	56	15	16
Rimsulfuron	2.45	122931-48-0	-1.46	432	182	161	29	16	432	325	161	21	14
Saflufenacil	5.14	372137-35-4	2.60	501	198	156	61	20	501	349	156	41	10
Spinosyn-A	5.01	131929-60-7	2.80	733	142	84	39	8	98	84	84	107	28
Spirotetramat	4.97	203313-25-1	2.51	374	216	116	45	14	374	302	116	23	14
Spiroxamine	5.05	118134-30-8	2.89	298	144	51	29	10	298	100	51	49	6
Sulfotep	7.06	3689-24-5	3.99	323	97	96	45	4	323	115	96	39	8
Tebufenozide	7.98	112410-23-8	4.25	353	133	71	23	6	353	297	71	15	16
Tebufenpyrad	8.23	119168-77-3	4.93	334	145	86	37	8	334	117	86	47	12
Tepraloxymid	6.65	149979-41-9	1.50	342	250	116	19	26	242	166	116	29	18
Terbufos	9.75	13071-79-9	4.48	289	103	69	13	6	289	233	69	9	14
Thiobencarb	9.35	28249-77-6	4.23	258	125	53	29	12	258	89	53	69	14
Tolfenpyrad	9.84	129558-76-5	5.61	384	197	121	41	16	384	154	121	59	10
Tralkoxydim	5.81	87820-88-0	2.10	330	284	126	17	18	330	138	126	27	10
Triadimefon	6.52	43121-43-3	2.77	294	197	71	23	14	294	69	71	59	8
Triallate	9.71	2303-17-5	4.60	304	86	81	25	14	304	143	81	37	12
Tridemorph	10.01	24602-86-6	6.90	298	130	51	35	6	298	116	51	33	8
Triforine	6.08	26644-46-2	2.20	435	390	81	15	10	435	98	81	31	10
Zoxamide	8.87	156052-68-5	3.76	336	159	100	47	16	336	187	100	29	14

Table S2: Pesticide recoveries and the relative standard deviations using different purification sorbents, freezing process and without clean-up for QuEChERS purification step of rapeseed extracts.

Analytes	Without cleanup				Freezing				C18/PSA				EMR-Lipid				Z-Sep				Z-Sep+			
	10 µg/kg		50 µg/kg		10 µg/kg		50 µg/kg		10 µg/kg		50 µg/kg		10 µg/kg		50 µg/kg		10 µg/kg		50 µg/kg		10 µg/kg		50 µg/kg	
	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %	Rec, %	RSD, %
Acephate	63	11	64	7	66	8	58	3	72	4	68	22	80	12	82	4	59	8	60	9	81	12	67	4
Acetochlor	44	17	54	16	61	8	60	2	61	13	60	5	80	9	71	2	53	5	50	5	64	14	63	6
Acibenzolar-S-methyl	88	8	118	20	53	13	50	5	54	12	34	4	50	9	58	11	34	12	41	17	0	/	58	14
Alachlor	62	11	66	9	66	8	63	2	61	5	56	3	82	5	80	6	54	3	52	7	56	18	48	3
Aldicarb sulfone	92	3	89	4	45	6	31	11	90	11	82	6	103	4	101	7	0	/	0	/	104	11	91	5
Ametoctradin	82	19	94	10	77	14	65	7	56	10	59	6	77	4	79	7	65	11	59	7	57	18	46	11
Ametryn	48	7	52	8	41	5	40	2	29	4	28	5	64	5	63	8	34	2	33	6	49	22	47	9
Anilofos	64	14	44	3	51	7	42	3	37	6	28	3	67	14	57	3	41	4	33	8	72	19	51	4
Azaconazole	89	6	99	8	56	11	53	3	35	5	39	6	66	6	70	8	46	5	46	4	60	17	58	8
Azinphos-methyl	98	3	56	6	51	20	45	4	0	/	26	19	72	12	61	9	40	10	36	5	58	7	64	6
Aziprotryne	73	12	77	10	79	13	68	6	62	5	67	1	80	8	78	6	62	6	55	7	66	22	62	9
Azoxystrobin	74	9	72	5	63	10	56	3	47	8	44	5	75	6	76	5	51	2	46	6	59	19	55	9
Barban	109	18	90	21	73	19	67	10	74	12	59	11	52	36	70	17	74	3	60	10	0	/	60	31
Benalaxyl	64	13	60	14	72	17	65	2	57	4	55	3	90	5	91	9	63	5	60	11	69	19	71	14
Benoxacor	62	8	55	8	65	6	56	6	41	10	42	10	74	6	71	3	49	7	47	9	63	18	53	13
Bifenox	68	18	72	15	54	13	61	2	29	28	34	18	49	19	63	13	47	19	54	7	51	12	48	25
Bixafen	64	10	60	7	62	12	66	5	57	13	53	13	71	7	78	7	44	15	52	11	69	13	68	8
Boscalid	123	15	90	13	98	4	69	6	37	13	39	8	87	9	72	6	89	14	51	9	114	18	76	5
Bupirimate	68	12	60	13	63	9	61	3	50	4	48	5	73	5	71	4	52	5	52	5	62	25	62	5
Buprofezin	58	6	65	6	68	4	67	4	62	4	60	2	74	7	76	4	63	5	62	5	62	18	61	6
Chlorfenvinphos	66	19	70	9	57	5	53	3	40	7	44	4	66	7	71	7	45	5	45	4	72	12	69	7
Chlorobromuron	61	13	74	8	53	13	58	1	48	4	45	4	55	9	54	3	47	4	46	4	58	22	49	7
Chlorfluaazuron	72	8	82	11	67	15	72	1	48	12	59	7	44	11	42	2	58	5	70	7	82	18	77	5

Chlorpyrifos	59	6	61	10	59	6	57	5	54	4	45	7	76	7	72	2	53	2	54	5	59	14	57	7
Chlorpyrifos-methyl	64	22	58	15	57	15	76	9	54	14	60	7	75	11	72	6	59	19	70	8	47	19	70	9
Cinosulfuron	50	9	60	4	28	4	29	4	16	5	22	5	114	4	118	4	34	5	35	6	80	11	79	6
Climbazole	64	7	56	9	49	7	48	3	29	6	35	7	81	10	74	5	37	7	39	6	64	29	57	6
Clodinafop-propargyl	71	13	77	12	62	7	63	3	42	7	44	6	79	8	92	3	49	6	52	5	75	18	79	7
Clofentezine	61	10	70	4	72	13	76	3	54	3	51	5	45	11	53	8	58	2	63	10	49	13	53	16
Cloquintocet-mexyl	66	1	70	8	71	10	70	2	62	4	62	2	74	4	76	3	63	3	63	6	59	21	56	4
Coumaphos	61	9	83	11	59	8	57	2	37	11	45	2	66	9	72	6	51	7	48	3	75	11	79	6
Coumatetralyl	45	6	48	11	53	8	49	6	46	3	46	2	70	5	67	6	36	6	34	4	54	27	50	6
Crufomate	65	10	75	9	83	12	81	3	63	13	63	2	91	11	95	7	67	3	69	6	63	27	59	6
Cyanazine	49	8	56	5	77	6	72	4	28	19	37	4	80	5	98	3	67	4	58	4	61	12	66	5
Cycloxydim	61	5	61	9	57	15	53	5	55	7	54	2	67	5	68	6	48	4	50	5	52	13	50	7
Cyflumetofen	76	20	77	4	85	12	75	5	82	22	56	11	100	11	87	4	81	2	76	7	85	26	77	8
Cymiazole	37	8	36	3	40	7	38	3	42	5	38	2	50	4	44	2	33	6	30	5	45	7	38	2
Cyproconazole	85	5	81	11	59	10	53	3	64	6	53	9	83	6	85	5	57	5	51	5	63	17	49	8
Cyprodinil	63	5	29	1	68	18	60	4	42	6	45	2	116	20	29	13	57	8	52	7	0	/	44	7
Demeton-S-methyl sulfone	48	2	49	5	61	7	59	1	50	4	51	3	59	2	57	4	57	2	57	5	57	10	51	7
Desmetryn	45	3	49	8	41	5	39	4	13	8	17	4	61	4	68	2	32	2	29	6	48	12	38	6
Diafenthiuron	73	6	79	11	57	18	56	3	95	12	96	3	70	4	74	2	45	2	45	7	63	18	50	5
Dialifos	58	17	64	11	52	15	61	7	34	22	49	7	57	7	63	8	48	11	52	6	64	12	60	8
Diazinon	57	11	54	11	71	9	70	7	57	4	58	12	72	1	60	4	61	2	62	6	76	13	73	7
Diclofop-methyl	63	15	62	7	57	13	61	5	42	16	45	6	63	8	61	4	48	8	57	7	67	20	61	6
Diethofencarb	60	4	62	7	58	8	55	5	40	8	43	4	86	1	95	4	46	8	44	8	59	14	51	5
Difenoconazole	79	13	86	6	76	13	72	3	81	14	61	5	86	11	97	6	68	3	66	5	79	17	66	6
Di flufenican	70	8	74	7	70	8	62	7	43	10	51	20	58	9	75	10	63	4	56	16	71	23	81	13
Dimethachlor	58	11	61	12	61	7	61	5	42	3	49	6	68	5	64	4	48	2	50	6	71	31	70	9
Dimethenamid	58	15	65	16	59	9	59	4	50	8	43	1	70	9	73	5	46	5	48	6	59	20	60	9
Dimethomorph	83	12	86	6	62	9	57	2	31	7	37	6	81	5	88	9	50	8	46	5	73	21	72	1
Dimoxystrobin	66	13	70	9	68	11	66	8	46	28	42	4	76	14	84	8	52	8	55	5	72	21	74	6

Dioxathion	72	7	78	6	70	10	71	4	54	4	60	3	69	7	73	4	60	5	64	5	69	21	57	5
Dipropetryn	45	8	56	13	57	3	52	2	55	9	52	6	86	9	80	3	51	4	47	2	57	14	47	3
Ditalimphos	49	14	54	7	54	6	46	3	47	7	47	4	72	7	78	5	50	5	47	5	58	17	54	7
Emamectin Ba	85	6	94	9	77	2	74	4	102	9	97	6	92	6	93	3	68	9	67	6	101	18	94	6
Emamectin Bb	72	9	71	9	93	14	73	4	100	6	103	4	89	4	86	3	75	10	61	5	102	18	87	9
Epoxiconazole	59	15	61	17	72	13	72	9	57	10	53	6	104	7	83	5	62	18	55	10	66	16	61	6
Etaconazole	78	21	78	18	55	20	55	5	46	29	50	12	117	11	96	8	65	17	53	7	0	/	51	14
Ethion	56	4	61	6	64	5	63	3	61	5	59	3	61	7	58	4	54	2	56	5	71	15	62	7
Ethofumesate	64	14	72	9	0	/	87	15	53	17	52	4	72	13	85	4	0	/	0	/	75	14	55	11
Ethoprophos	48	17	63	9	63	6	58	3	57	8	53	9	83	6	87	7	52	6	49	5	60	20	52	12
Etoxazole	61	7	64	10	59	11	60	4	54	4	56	4	40	11	29	8	50	2	50	5	68	22	61	5
Etrimfos	63	15	55	19	67	10	71	5	62	10	64	10	74	3	72	5	61	14	66	7	68	21	64	6
Famoxadone	70	18	77	17	73	12	74	13	47	7	60	12	87	13	86	5	64	6	63	6	78	33	73	4
Fenamiphos	54	14	75	15	76	7	73	5	54	9	62	5	80	7	80	2	59	3	61	2	61	20	48	5
Fenarimol	69	15	77	16	74	14	65	2	74	5	63	4	95	14	92	5	53	19	59	5	49	46	91	7
Fenazaquin	62	6	54	9	58	9	54	2	48	16	43	8	58	5	37	2	53	2	49	6	56	19	41	5
Fenbuconazole	76	14	83	18	71	12	63	6	47	10	46	5	79	8	84	8	57	9	58	7	70	28	74	14
Fenpropidin	72	8	74	8	60	2	54	3	50	5	46	4	89	8	92	4	60	6	52	3	73	22	63	7
Fenpropimorph	61	7	84	8	60	8	52	5	34	6	46	12	87	5	89	4	50	2	46	4	49	15	51	7
Fenpyroximate	72	7	73	7	63	19	66	5	53	5	57	1	52	5	51	4	55	2	60	5	75	24	71	5
Fensulfothion	53	4	63	8	49	4	43	2	28	7	30	3	61	5	85	9	40	1	37	7	59	27	54	8
Fensulfothion-oxon	33	5	31	5	34	5	29	2	20	5	20	4	77	6	75	6	28	3	22	5	39	8	29	4
Fensulfothion-sulfone	91	7	97	8	50	5	48	6	12	17	28	5	76	3	78	5	40	5	40	5	66	21	65	5
Fenthion	59	13	61	9	67	8	71	7	62	8	60	7	70	5	70	5	61	7	64	5	61	22	55	10
Fenthion sulfone	44	16	41	13	30	17	48	15	23	5	27	3	62	16	81	4	24	17	38	11	64	19	56	6
Fenthion sulfoxide	43	2	37	7	38	2	35	4	24	9	26	5	49	2	45	4	35	5	29	7	51	20	43	5
Flamprop-isopropyl	59	6	58	13	62	9	60	5	47	5	46	5	73	7	82	9	49	6	50	7	74	13	69	18
Flazasulfuron	102	12	125	13	32	7	32	4	20	16	23	11	127	7	142	3	41	5	41	7	100	35	110	4
Florasulam	57	5	63	8	57	6	58	7	21	14	25	7	88	5	98	5	74	7	46	4	92	15	90	9
Flubendiamide	69	19	79	16	61	19	70	9	78	7	49	4	79	15	116	16	57	18	59	4	77	23	95	13

Flucycloxuron	80	7	86	11	79	17	79	6	47	15	69	3	64	4	63	6	65	7	71	7	82	21	79	4
Flufenacet	66	14	75	9	90	14	79	12	49	4	57	30	72	7	73	4	72	2	68	7	105	27	103	4
Flufenoxuron	71	4	68	8	70	29	79	4	59	15	62	6	54	6	53	3	54	7	70	10	77	26	74	4
Fluopicolide	64	8	76	10	52	14	46	14	32	9	32	13	51	5	71	5	41	6	35	6	64	17	52	10
Flurochloridon	76	8	86	2	55	16	57	4	36	11	37	6	66	5	56	10	44	10	49	3	57	21	50	12
Flurprimidol	82	20	80	6	71	13	64	6	59	6	54	8	85	7	86	4	60	8	57	2	70	44	59	12
Flurtamone	65	7	63	6	55	8	52	2	36	5	35	7	84	4	77	6	43	3	42	5	62	19	50	4
Flusilazole	64	16	75	10	80	8	75	4	66	10	64	8	78	8	68	6	64	3	61	7	61	14	54	6
Fluxapyroxad	70	6	79	11	57	11	55	4	28	4	32	6	56	12	87	9	38	9	44	6	68	18	61	12
Fluxastrobin	40	30	73	9	52	8	51	10	51	5	45	5	73	6	86	9	35	10	40	6	57	24	59	12
Fonofos	68	13	55	19	88	13	68	9	74	9	58	6	81	15	83	8	82	9	70	9	89	18	58	8
Foramsulfuron	93	7	107	8	17	10	17	2	14	8	14	3	145	4	145	5	42	4	39	3	85	20	66	8
Forchlofenuron	67	10	58	5	71	3	67	3	0	/	46	15	63	8	82	2	60	7	57	5	93	25	77	11
Furmecyclox	50	5	51	13	68	5	65	3	52	5	68	6	65	6	60	10	59	2	55	5	55	10	49	7
Haloxypop-methyl	70	6	71	7	69	11	70	4	43	6	47	2	76	6	78	5	58	3	61	4	75	16	77	10
Heptenophos	102	14	58	9	60	13	62	8	47	5	47	8	77	7	61	7	47	18	47	5	71	27	55	7
Hexazinone	37	5	37	6	34	4	32	3	21	3	20	4	46	5	50	4	30	4	26	6	42	13	35	6
Hexythiazox	52	6	57	10	57	10	59	6	37	14	47	4	45	12	46	7	49	11	51	8	56	14	54	3
Imazalil	47	5	45	6	55	7	52	5	44	8	43	7	82	5	75	7	45	8	41	6	69	12	62	8
Imazosulfuron	107	17	116	11	55	7	48	12	37	9	32	2	107	10	103	4	82	8	54	8	131	24	118	5
Imibenconazole	61	1	71	3	112	11	78	7	58	13	61	3	56	6	52	9	86	12	68	12	65	19	64	3
Indoxacarb	103	12	102	9	91	15	85	5	46	11	77	8	106	3	108	9	88	7	80	8	117	20	83	2
Ipconazole	80	7	81	5	71	18	74	6	52	10	63	6	116	4	117	7	105	8	81	8	72	23	67	6
Isofenphos	61	6	61	5	91	11	80	6	40	9	46	3	77	5	81	9	83	4	74	8	64	16	62	4
Isofenphos-methyl	72	11	75	12	58	6	53	4	35	15	36	8	72	4	63	6	53	4	47	4	73	16	72	7
Isopyrazam	67	9	73	8	70	10	65	2	54	9	55	5	78	8	83	6	62	5	59	4	80	16	72	3
Isoxaflutole	104	5	94	6	73	7	64	6	63	4	44	4	168	7	143	3	79	8	69	6	112	21	99	6
Kresoxim-methyl	70	16	67	11	72	6	66	4	58	15	50	8	84	10	71	5	53	10	56	4	66	14	64	4
Linuron	51	6	54	11	61	13	56	3	46	8	48	6	66	6	58	7	46	11	43	5	75	10	54	6
Malaoxon	37	3	41	7	49	6	36	2	36	1	23	3	64	6	59	3	45	3	31	7	25	17	45	6

Malathion	64	8	81	9	68	8	64	3	43	9	48	2	75	3	76	7	58	4	54	3	68	21	60	3
Mecarbam	64	6	51	4	48	8	46	4	38	8	37	4	74	10	73	1	39	10	37	5	64	14	66	11
Mepanipyrin	50	11	49	8	72	7	54	2	52	3	49	5	66	5	81	9	57	4	46	8	47	11	44	6
Metaflumizone	86	10	86	17	79	15	83	5	65	22	75	9	89	10	68	11	69	10	74	8	114	17	94	14
Metalaxyl	65	5	59	3	63	7	55	3	41	9	41	7	95	5	92	7	53	2	44	5	80	24	65	5
Metazachlor	38	16	56	7	49	7	53	4	34	6	36	5	67	5	67	4	42	4	43	4	57	14	44	8
Methabenzthiazuron	48	8	55	7	59	7	51	2	42	6	42	3	55	5	64	5	45	4	40	6	59	20	55	3
Methidathion	38	18	60	4	50	15	57	6	45	5	42	8	45	6	60	5	40	4	49	4	49	21	44	7
Methiocarb	56	3	68	10	64	10	61	4	59	7	60	3	65	2	72	3	49	4	48	4	87	9	63	5
Methoprotryne	51	6	57	6	58	10	55	6	43	4	46	7	81	4	84	7	49	5	47	6	60	13	58	6
Methoxyfenozide	53	18	72	12	50	9	50	4	37	6	31	5	54	13	72	7	38	5	42	7	61	14	58	6
Metobromuron	55	7	45	9	43	5	38	6	31	8	33	4	65	9	67	7	37	6	32	6	60	9	36	5
Metolachlor	52	13	59	10	62	6	60	3	46	1	50	3	78	6	78	3	50	8	51	4	56	19	58	6
Metrafenone	58	6	60	13	60	8	58	3	35	6	41	3	59	8	69	8	47	5	49	3	65	18	60	8
Napropamid	53	19	70	12	58	9	59	1	67	9	63	7	65	16	84	8	54	6	50	6	57	18	52	8
Norflurazon	53	5	50	6	49	8	50	4	31	15	30	10	55	9	69	6	36	5	40	7	49	13	37	6
Oxadiazyl	77	14	67	10	63	8	61	6	57	18	60	9	67	11	75	3	59	9	54	8	79	27	64	19
Oxycarboxim	27	3	24	4	24	8	29	3	22	5	28	5	31	6	33	2	21	7	26	6	31	7	27	2
Paclobutrazol	108	5	105	14	76	10	59	5	50	12	60	11	102	6	97	5	53	12	53	8	60	26	55	12
Pencycuron	54	4	85	10	65	12	62	6	47	7	44	8	74	5	80	9	58	5	55	7	70	19	79	7
Penthiopyrad	67	9	67	18	68	8	61	3	52	7	54	15	70	6	71	4	56	12	51	4	79	24	83	7
Pethoxamid	52	9	52	6	71	10	64	8	68	7	61	7	85	11	90	5	55	6	54	10	64	21	59	6
Phenthoate	58	12	62	17	62	9	65	5	46	7	46	5	72	9	74	5	53	6	55	4	70	18	73	9
Phosalone	56	16	61	8	58	13	56	4	38	11	46	5	54	7	55	3	50	5	48	6	59	17	56	5
Phosmet	40	6	48	5	45	42	55	8	34	23	32	6	51	14	54	6	37	9	40	13	58	28	65	9
Phosphamidon	44	8	58	9	42	7	40	3	42	3	37	5	70	4	69	8	38	4	34	7	58	12	44	4
Phoxim	56	10	68	7	60	6	56	4	59	2	52	7	75	3	73	4	54	3	54	5	60	20	62	6
Picolinafen	56	3	59	7	58	15	61	4	33	8	47	4	59	6	65	4	51	7	51	8	65	17	67	5
Picoxystrobin	54	2	58	13	58	7	57	4	41	3	41	2	79	3	75	3	54	5	53	3	69	24	73	11
Pinoxaden	73	5	78	9	65	7	52	4	53	4	49	7	88	5	86	8	53	3	47	3	64	21	57	3

Piperonyl Butoxyde	62	12	77	8	65	10	66	2	63	3	55	4	85	5	82	3	66	8	57	6	83	17	71	9
Pirimiphos-ethyl	57	7	60	7	65	6	63	3	56	1	50	3	66	11	68	5	61	2	58	6	64	19	64	3
Pirimiphos-methyl	63	5	62	7	69	7	62	4	63	2	52	7	91	10	70	3	64	3	60	5	68	28	63	8
Prochloraz	63	8	68	12	60	7	55	4	42	9	48	9	65	9	67	1	51	5	45	7	57	21	59	6
Profenofos	62	9	58	4	61	9	56	4	46	12	46	5	72	8	75	4	51	4	53	6	57	20	51	4
Prometon	37	8	43	10	55	8	56	4	31	3	25	3	67	5	67	8	45	3	46	6	60	17	47	6
Prometryn	68	4	71	5	69	5	69	2	50	5	48	3	67	3	64	4	56	8	56	6	57	27	59	6
Propaphos	65	11	66	11	71	14	69	5	50	4	48	3	83	6	83	14	57	5	58	4	65	17	60	10
Propquinazid	51	7	50	9	44	19	44	3	33	12	36	2	32	7	32	2	36	6	39	5	52	18	48	4
Propargite	64	6	67	9	67	9	68	3	69	9	61	3	55	6	58	4	59	3	58	5	73	18	67	5
Propazine	52	7	55	6	83	4	73	3	53	5	53	6	53	6	53	6	63	4	61	5	52	20	47	5
Propiconazole	58	11	61	10	58	4	55	6	53	10	55	6	70	5	73	6	54	3	51	4	60	16	55	4
Propyzamide	82	13	75	11	72	9	68	2	49	12	53	4	70	10	69	7	59	3	56	6	75	30	56	8
Prosulfocarb	73	14	63	16	84	8	71	5	69	4	64	6	68	7	68	8	66	8	61	4	77	26	62	6
Pyraclostrobin	58	8	65	7	58	7	55	5	47	6	45	4	67	6	66	3	51	4	49	4	67	19	68	5
Pyrazophos	69	1	74	8	62	10	62	2	47	11	49	5	85	9	90	7	52	3	55	4	77	21	72	8
Pyridaben	63	7	65	10	54	16	54	2	31	12	34	4	40	4	39	4	46	4	48	5	66	24	58	6
Pyridafenthion	74	19	90	8	59	14	55	6	39	16	35	4	77	12	78	6	47	8	44	5	68	19	64	8
Pyridate	67	5	59	6	45	10	37	6	42	3	23	4	50	4	36	3	83	5	66	6	64	19	54	6
Rimsulfuron	48	7	54	11	18	6	20	2	13	17	14	4	72	4	77	5	27	11	26	8	76	13	55	6
Saflufenacil	102	14	96	18	68	9	72	8	41	13	43	10	141	14	154	10	75	11	78	5	141	16	149	25
Spinosyn-A	71	6	70	13	60	7	60	5	72	4	71	3	70	8	69	8	49	4	50	7	74	18	67	4
Spirotetramat	87	9	91	14	63	10	56	6	50	31	54	6	156	4	144	7	51	4	46	5	94	17	84	5
Spiroxamine	73	10	80	9	70	10	56	3	56	7	53	5	96	5	96	6	64	2	55	5	69	24	68	11
Sulfotep	61	16	62	20	59	9	59	3	46	16	53	6	83	11	83	5	48	10	50	8	64	15	56	5
Tebufenozide	57	14	65	11	65	11	62	4	39	8	41	4	67	2	65	7	56	8	49	7	73	25	70	2
Tebufenpyrad	61	10	63	8	73	15	71	5	47	13	55	6	68	11	73	4	66	7	62	7	62	23	64	3
Tepraloxydim	71	3	72	7	51	6	45	8	35	13	37	11	63	7	73	4	44	9	42	3	72	24	64	7
Terbufos	72	7	72	11	74	16	64	5	69	13	66	14	63	8	63	9	71	13	66	5	89	23	65	5
Thiobencarb	65	8	65	11	69	12	62	7	55	8	57	13	72	6	68	5	57	12	58	4	65	20	60	6

Tolfenpyrad	64	4	72	5	73	14	74	3	41	12	52	5	64	8	69	3	63	5	67	5	69	24	70	4
Tralkoxydim	60	6	61	6	60	14	56	3	44	8	48	4	29	14	56	9	53	6	53	8	55	19	55	5
Triadimefon	124	9	109	8	74	7	76	4	59	10	63	6	81	12	82	8	66	4	65	7	68	22	57	4
Triallate	104	14	62	10	64	19	63	8	64	14	58	7	37	18	65	9	62	13	56	8	0	/	59	11
Tridemorph	56	12	66	17	64	10	52	8	52	3	54	5	94	9	84	11	70	7	54	3	73	13	61	5
Triforine	78	17	79	5	63	8	54	4	34	22	39	18	75	8	80	1	50	14	49	9	32	44	101	17
Zoxamide	55	4	52	19	63	12	61	3	58	6	39	2	71	7	74	13	52	9	52	6	72	24	67	8

Table S3: LODs, LOQs and ME of the different extraction/cleanup QuEChERS method in the rapeseed samples.

Molecules	Without clean up			Freezing			C18/PSA			EMR-lipid			Z-Sep			Z-Sep+		
	LOD (µg/kg)	LOQ (µg/kg)	ME (%)	LOD (µg/kg)	LOQ (µg/kg)	ME (%)	LOD (µg/kg)	LOQ (µg/kg)	ME (%)	LOD (µg/kg)	LOQ (µg/kg)	ME (%)	LOD (µg/kg)	LOQ (µg/kg)	ME (%)	LOD (µg/kg)	LOQ (µg/kg)	ME (%)
Acephate	1.06	3.18	-59	1.01	3.02	2	0.92	2.77	-46	0.84	2.52	-14	1.13	3.40	-71	0.82	2.46	-50
Acetochlor	1.52	4.57	-39	1.09	3.28	-27	1.10	3.30	-12	0.84	2.51	-14	1.25	3.76	-41	1.05	3.14	-60
Acibenzolar-S-methyl	0.76	2.27	-22	1.26	3.77	8	1.22	3.67	-6	1.33	3.99	-13	1.96	5.87	-31	/	/	-72
Alachlor	1.07	3.21	-36	1.01	3.03	-19	1.09	3.28	4	0.81	2.43	-37	1.24	3.71	-28	1.19	3.58	-60
Aldicarb sulfone	0.73	2.18	-41	1.50	4.49	-17	0.74	2.22	-10	0.65	1.94	-37	/	/	-42	0.64	1.93	-40
Ametoctradin	0.82	2.45	-21	0.87	2.61	-9	1.19	3.58	34	0.86	2.59	-22	1.03	3.08	-20	1.17	3.50	-60
Ametryn	1.40	4.20	-44	1.64	4.92	-10	/	/	7	1.04	3.11	-37	1.94	5.82	-30	1.35	4.05	-65
Anilofos	1.05	3.14	-12	1.31	3.93	-13	1.81	5.43	37	1.00	2.99	-6	1.62	4.87	-2	0.92	2.77	-48
Azaconazole	0.75	2.25	-24	1.19	3.58	-9	1.90	5.69	38	1.01	3.04	-11	1.46	4.38	-11	1.11	3.34	-65
Azinphos-methyl	0.68	2.04	-34	1.31	3.93	14	/	/	19	0.93	2.79	-32	1.69	5.06	-13	1.14	3.42	-49
Aziprotryne	0.91	2.73	-24	0.85	2.54	4	1.07	3.22	32	0.83	2.49	-22	1.08	3.24	-20	1.01	3.03	-68
Azoxystrobin	0.90	2.69	-22	1.06	3.18	-10	1.41	4.24	8	0.89	2.67	-24	1.31	3.94	-21	1.13	3.39	-58
Barban	0.73	2.19	-24	0.92	2.75	-6	0.90	2.71	16	1.27	3.82	-4	0.90	2.69	-5	/	/	-63
Benalaxyl	1.04	3.13	-15	0.93	2.78	4	1.18	3.54	37	0.74	2.21	-15	1.07	3.20	-1	0.96	2.89	-48
Benoxacor	1.08	3.25	-17	1.02	3.07	-1	1.64	4.91	12	0.91	2.72	-40	1.36	4.09	-12	1.06	3.17	-48
Bifenox	0.99	2.96	14	1.23	3.70	52	/	/	99	1.36	4.08	30	1.43	4.29	31	1.30	3.89	-54
Bixafen	1.05	3.15	-25	1.07	3.20	13	1.18	3.54	21	0.93	2.80	-10	1.51	4.54	-6	0.97	2.91	-53
Boscalid	0.82	2.45	-29	0.68	2.03	2	1.80	5.40	24	0.76	2.29	-6	0.75	2.25	-25	0.58	1.75	-55
Bupirimate	0.99	2.96	-25	1.06	3.17	-15	1.33	3.99	14	0.91	2.73	-37	1.27	3.81	-12	1.07	3.22	-51
Buprofezin	1.15	3.44	-77	0.98	2.94	5	1.08	3.23	29	0.90	2.69	-11	1.05	3.16	-9	1.07	3.21	-53
Chlorfenvinphos	1.01	3.03	-37	1.16	3.49	-14	1.65	4.95	19	1.01	3.02	-21	1.49	4.48	-23	0.93	2.79	-59

Chlorobromuro																		
n	1.09	3.28	-31	1.25	3.74	-30	1.38	4.14	-10	1.21	3.62	-43	1.41	4.22	-36	1.14	3.43	-73
Chlorfluazuron	0.92	2.76	-52	1.00	3.00	-48	1.40	4.19	-35	1.50	4.50	-34	1.15	3.45	-53	0.82	2.45	-76
Chlorpyrifos	1.13	3.40	-15	1.12	3.37	1	1.23	3.68	46	0.87	2.62	-8	1.25	3.76	-9	1.13	3.39	-58
Chlorpyrifos- methyl	1.05	3.14	-30	1.18	3.53	-23	1.22	3.67	-10	0.88	2.65	-21	1.12	3.36	-60	1.43	4.29	-69
Cinosulfuron	1.33	4.00	-29	/	/	32	/	/	54	0.58	1.75	2	1.99	5.96	21	0.84	2.51	-34
Climbazole	1.05	3.14	-43	1.37	4.11	5	/	/	29	0.82	2.46	-28	1.78	5.34	-15	1.03	3.10	-59
Clodinafop- propargyl	0.93	2.80	-4	1.08	3.23	13	1.60	4.79	25	0.85	2.54	-7	1.35	4.06	-12	0.89	2.67	-42
Clofentezine	1.09	3.26	-26	0.93	2.78	5	1.24	3.73	28	1.47	4.40	-21	1.15	3.46	-22	1.35	4.06	-57
Cloquintocet- mexyl	1.01	3.04	70	0.94	2.82	18	1.08	3.24	90	0.91	2.72	51	1.05	3.16	58	1.13	3.39	87
Coumaphos	1.10	3.29	-36	1.12	3.37	-16	1.79	5.37	22	1.00	3.01	-20	1.32	3.95	-15	0.89	2.66	-56
Coumatetralyl	1.50	4.49	-30	1.25	3.76	-5	1.46	4.39	10	0.95	2.84	-37	1.84	5.53	-20	1.23	3.69	-58
Crufomate	1.02	3.07	-13	0.81	2.42	4	1.07	3.20	37	0.74	2.21	-11	0.99	2.98	-14	1.05	3.15	-51
Cyanazine	1.36	4.09	-38	0.87	2.60	-5	/	/	3	0.84	2.51	-40	1.00	2.99	-28	1.09	3.26	-57
Cycloxydim	1.10	3.30	-60	1.18	3.53	5	1.22	3.65	60	0.99	2.98	1	1.39	4.17	-13	1.29	3.86	-48
Cyflumetofen	0.88	2.64	-27	0.78	2.35	-23	0.82	2.45	24	0.67	2.01	-22	0.82	2.46	-28	0.79	2.36	-62
Cymiazole	1.79	5.36	-62	1.65	4.95	-31	1.59	4.77	-33	1.34	4.03	-59	2.04	6.11	-50	1.48	4.43	-67
Cyproconazole	0.78	2.34	-32	1.13	3.40	5	1.04	3.12	20	0.80	2.40	-17	1.16	3.49	-20	1.06	3.18	-57
Cyprodinil	1.06	3.18	-18	0.98	2.94	2	1.57	4.71	31	0.57	1.72	-20	1.17	3.52	-18	/	/	-59
Demeton-S- methyl sulfone	1.40	4.20	-55	1.09	3.28	-16	1.35	4.04	-9	1.14	3.41	-39	1.17	3.50	-40	1.17	3.50	-61
Desmetryn	1.49	4.46	-29	1.61	4.84	0	/	/	17	1.09	3.26	-20	2.06	6.19	-25	1.38	4.14	-55
Diafenthiuron	0.91	2.73	26	1.17	3.52	22	0.70	2.11	22	0.95	2.86	15	1.49	4.47	27	1.07	3.20	-46
Dialifos	1.14	3.43	-30	1.27	3.82	-2	1.94	5.81	28	1.16	3.49	-14	1.39	4.16	-14	1.05	3.14	-66
Diazinon	1.17	3.50	-21	0.94	2.83	-7	1.17	3.50	28	0.92	2.77	-21	1.08	3.25	-9	0.88	2.63	-54
Diclofop- methyl	1.05	3.16	-91	1.18	3.54	-58	1.59	4.78	-86	1.06	3.18	-91	1.39	4.18	-91	1.00	3.00	-95
Diethofencarb	1.11	3.33	-25	1.15	3.46	-13	1.65	4.95	-4	0.77	2.32	-19	1.44	4.33	-21	1.13	3.38	-54
Difenoconazole	0.85	2.54	-41	0.87	2.62	1	0.83	2.48	38	0.77	2.32	5	0.97	2.92	-13	0.84	2.52	-54
Diflufenican	0.95	2.86	50	0.95	2.86	25	1.57	4.70	62	1.14	3.43	10	1.06	3.17	-37	0.93	2.80	-48

Dimethachlor	1.16	3.47	-33	1.09	3.28	-18	1.58	4.75	10	0.98	2.93	-29	1.39	4.18	-18	0.94	2.81	-56
Dimethenamid	1.15	3.46	-33	1.12	3.37	-14	1.34	4.02	0	0.95	2.84	-29	1.45	4.34	-26	1.12	3.37	-58
Dimethomorph	0.80	2.40	53	1.08	3.24	13	2.16	6.49	41	0.83	2.48	11	1.34	4.03	2	0.91	2.74	-47
Dimoxystrobin	1.00	3.01	-16	0.98	2.95	-10	1.44	4.33	30	0.88	2.65	-13	1.27	3.81	-13	0.93	2.79	-55
Dioxathion	0.93	2.78	-23	0.95	2.86	-7	1.24	3.73	24	0.97	2.90	-22	1.11	3.34	-14	0.97	2.91	-56
Dipropetryn	1.49	4.46	-28	1.16	3.48	2	1.22	3.65	29	0.78	2.33	-24	1.30	3.89	-11	1.17	3.51	-50
Ditalimphos	1.37	4.12	-32	1.23	3.70	-11	1.42	4.25	21	0.93	2.79	-32	1.34	4.03	-13	1.15	3.45	-49
Eamectin Ba	0.79	2.36	-51	0.86	2.59	21	0.65	1.96	71	0.72	2.17	-9	0.98	2.93	12	0.66	1.99	-47
Eamectin Bb	0.93	2.78	-8	0.71	2.14	19	0.66	1.99	58	0.75	2.25	-6	0.89	2.66	8	0.66	1.97	-52
Epoxiconazole	1.12	3.37	-9	0.93	2.78	34	1.17	3.51	48	0.64	1.92	-17	1.08	3.23	18	1.01	3.04	-51
Etaconazole	0.86	2.57	-13	1.21	3.64	6	1.44	4.33	43	0.57	1.71	2	1.03	3.09	-17	/	/	-70
Ethion	1.19	3.56	-25	1.05	3.14	2	1.10	3.30	24	1.10	3.30	-24	1.23	3.69	-17	0.93	2.80	-57
Ethofumesate	1.05	3.15	-42	/	/	-24	1.25	3.75	-6	0.93	2.79	-33	/	/	-32	0.89	2.66	-58
Ethoprophos	1.37	4.12	-22	1.06	3.17	18	1.18	3.53	36	0.80	2.41	-31	1.29	3.88	-7	1.11	3.33	-46
Etoazole	1.09	3.26	133	1.13	3.40	75	1.24	3.73	181	1.66	4.98	117	1.33	3.99	147	0.98	2.93	37
Etrimfos	1.07	3.20	-22	1.00	2.99	-1	1.07	3.20	24	0.90	2.70	-11	1.10	3.29	-8	0.98	2.95	-58
Famoxadone	0.95	2.86	-42	0.91	2.73	-25	1.41	4.23	17	0.77	2.30	-24	1.04	3.11	-28	0.86	2.57	-61
Fenamiphos	1.24	3.72	-11	0.88	2.63	-3	1.22	3.67	28	0.83	2.49	-28	1.12	3.36	-12	1.09	3.26	-49
Fenarimol	0.97	2.91	16	0.90	2.71	26	0.90	2.70	86	0.70	2.11	-5	1.25	3.75	36	1.37	4.10	-27
Fenazaquin	1.08	3.25	-20	1.16	3.47	-6	1.40	4.19	24	1.14	3.42	-21	1.26	3.77	-18	1.18	3.55	-58
Fenbuconazole	0.88	2.63	31	0.94	2.83	15	1.42	4.27	60	0.84	2.52	-20	1.18	3.53	5	0.95	2.86	-37
Fenpropidin	0.92	2.76	-4	1.11	3.32	12	1.34	4.03	52	0.75	2.24	-4	1.12	3.35	0	0.91	2.74	-47
Fenpropimorph	1.09	3.26	-22	1.12	3.36	-12	1.95	5.85	26	0.77	2.30	-17	1.32	3.96	-21	1.35	4.04	-46
Fenpyroximate	0.92	2.77	19	1.05	3.15	26	1.26	3.77	55	1.29	3.86	16	1.22	3.66	17	0.89	2.66	-39
Fensulfothion	1.26	3.78	-41	1.35	4.04	-72	/	/	-50	1.09	3.27	-28	1.65	4.96	-22	1.12	3.36	-54
Fensulfothion-oxon	2.01	6.03	-28	1.94	5.81	-12	/	/	27	0.86	2.59	-18	/	/	-9	1.72	5.16	-58
Fensulfothion-sulfone	0.74	2.21	-30	1.33	3.99	7	/	/	22	0.88	2.63	-18	1.67	5.00	-17	1.02	3.05	-46
Fenthion	1.13	3.40	-10	0.99	2.97	-2	1.08	3.23	37	0.95	2.86	5	1.10	3.29	-14	1.10	3.30	-56
Fenthion sulfone	1.51	4.52	-46	2.19	6.57	-34	/	/	-14	1.08	3.23	-42	/	/	-45	1.03	3.10	-60

Fenthion																		
sulfoxide	1.55	4.66	-46	1.75	5.24	-30	/	/	-10	1.36	4.07	-41	1.89	5.66	-37	1.30	3.89	-59
Flamprop-																		
isopropyl	1.13	3.39	-5	1.07	3.20	8	1.42	4.25	48	0.92	2.75	-8	1.37	4.12	5	0.90	2.70	-55
Flazasulfuron	0.68	2.03	16	2.07	6.21	10	/	/	60	0.85	2.55	30	1.64	4.91	19	0.67	2.00	-45
Florasulam	1.17	3.51	16	1.17	3.52	87	/	/	90	0.75	2.26	6	0.90	2.69	23	0.73	2.18	-17
Flubendiamide	0.97	2.92	-18	1.09	3.27	-9	0.85	2.55	23	0.84	2.53	-12	1.17	3.50	-14	0.86	2.59	-60
Flucycloxuron	0.84	2.51	-15	0.84	2.53	10	1.43	4.29	42	1.04	3.11	-12	1.02	3.06	-12	0.81	2.43	-57
Flufenacet	1.00	3.01	43	0.74	2.22	32	1.36	4.07	81	0.93	2.78	-1	0.93	2.79	17	0.64	1.91	-50
Flufenoxuron	0.94	2.81	-31	0.95	2.86	-2	1.13	3.38	20	1.23	3.69	-22	1.23	3.70	-23	0.86	2.58	-58
Fluopicolide	1.05	3.14	-45	1.29	3.88	14	2.08	6.24	35	1.30	3.91	-6	1.63	4.88	-9	1.04	3.13	-50
Flurochloridon	0.88	2.63	-30	1.22	3.66	-7	1.84	5.51	3	1.01	3.04	-58	1.53	4.60	-23	1.16	3.49	-57
Flurprimidol	0.81	2.43	-41	0.94	2.83	-8	1.13	3.40	14	0.78	2.34	-17	1.11	3.34	-19	0.95	2.86	-61
Flurtamone	1.03	3.08	-21	1.21	3.63	-10	1.87	5.61	19	0.80	2.39	-22	1.54	4.63	-18	1.07	3.22	-54
Flusilazole	1.05	3.15	18	0.83	2.49	8	1.00	3.01	72	0.86	2.58	7	1.04	3.13	0	1.10	3.29	-44
Fluxapyroxad	0.95	2.85	-30	1.17	3.50	-10	/	/	10	1.19	3.56	-21	1.75	5.26	-24	0.98	2.93	-57
Fluxastrobin	1.66	4.98	-20	1.28	3.85	-10	1.31	3.93	6	0.91	2.72	-45	1.92	5.75	-27	1.17	3.52	-57
Fonofos	0.98	2.95	-23	0.76	2.28	-1	0.90	2.69	83	0.82	2.47	29	0.81	2.44	-5	0.75	2.26	-56
Foramsulfuron	0.71	2.14	-89	/	/	-91	/	/	-85	/	/	-37	1.58	4.75	-89	0.78	2.35	-93
Forchlofenuron	0.99	2.97	-32	0.95	2.84	-5	/	/	14	1.05	3.15	-18	1.11	3.34	-29	0.71	2.14	-61
Furmecyclox	1.34	4.03	-24	0.97	2.92	0	1.27	3.81	32	1.03	3.08	-18	1.14	3.41	-8	1.21	3.64	-50
Haloxyfop-																		
methyl	0.95	2.86	-55	0.96	2.88	5	1.56	4.68	55	0.88	2.64	-10	1.15	3.45	2	0.89	2.66	-63
Heptenophos	0.68	2.04	-45	1.11	3.32	9	1.42	4.27	17	0.87	2.61	-36	1.42	4.26	-16	0.94	2.82	-50
Hexazinone	1.78	5.34	-45	1.98	5.95	-26	/	/	-8	1.44	4.33	-41	/	/	-34	1.59	4.77	-59
Hexythiazox	1.27	3.82	-25	1.17	3.52	-1	1.80	5.39	35	1.47	4.41	-16	1.35	4.06	-14	1.19	3.56	-57
Imazalil	1.42	4.25	-37	1.21	3.64	-6	1.51	4.53	8	0.81	2.44	-44	1.49	4.47	-26	0.96	2.89	-62
Imazosulfuron	0.71	2.14	-3	1.21	3.64	-15	1.81	5.44	21	0.63	1.88	-9	0.81	2.44	-9	0.87	2.61	-70
Imibenconazole	1.09	3.26	-6	0.60	1.79	14	1.15	3.45	64	1.19	3.58	-8	0.78	2.33	-3	1.03	3.08	-51
Indoxacarb	0.68	2.05	15	0.73	2.20	24	1.45	4.34	50	0.63	1.89	-59	0.76	2.27	27	0.57	1.71	-48
Ipconazole	0.83	2.50	6	0.94	2.81	20	1.27	3.82	57	0.58	1.73	-5	0.64	1.91	-3	0.92	2.76	-41
Isofenphos	1.10	3.29	-21	0.73	2.19	-2	1.67	5.00	-59	0.87	2.61	-11	0.80	2.40	-11	1.04	3.12	-52

Isofenphos- methyl	0.93	2.78	-20	1.14	3.42	-8	1.90	5.71	40	0.92	2.77	-19	1.27	3.80	-9	0.91	2.74	-52
Isoprazam	1.00	3.00	-17	0.95	2.85	6	1.23	3.70	44	0.85	2.55	-7	1.08	3.24	-15	0.83	2.49	-57
Isoxaflutole	0.70	2.09	19	0.91	2.73	-42	1.06	3.19	6	/	/	0	0.84	2.53	2	0.59	1.78	-38
Kresoxim- methyl	0.95	2.84	-14	0.92	2.76	0	1.14	3.43	46	0.79	2.38	-14	1.26	3.77	-13	1.02	3.05	-53
Linuron	1.30	3.91	-34	1.09	3.27	-6	1.44	4.31	23	1.01	3.03	-20	1.46	4.39	-7	0.88	2.65	-65
Malaoxon	1.78	5.35	-47	1.35	4.05	-38	1.85	5.54	-28	1.04	3.12	-45	1.48	4.45	-49	/	/	-70
Malathion	1.04	3.12	-23	0.98	2.95	12	1.53	4.60	2	0.89	2.66	-36	1.16	3.47	-34	0.98	2.93	-62
Mecarbam	1.04	3.13	-20	1.38	4.13	8	1.75	5.26	33	0.90	2.69	-37	1.73	5.18	0	1.04	3.12	-54
Mepanipirim	1.34	4.03	-27	0.93	2.78	-4	1.27	3.82	39	1.01	3.02	-26	1.17	3.51	-24	1.42	4.26	-47
Metaflumizone	0.78	2.33	-6	0.84	2.52	18	1.03	3.10	72	0.75	2.26	-8	0.97	2.90	-7	0.59	1.76	-51
Metalaxyl	1.03	3.10	-32	1.05	3.16	1	1.65	4.94	25	0.70	2.10	-33	1.27	3.81	-17	0.83	2.50	-56
Metazachlor	1.75	5.25	-40	1.35	4.05	-10	1.95	5.86	11	1.00	3.00	-30	1.59	4.78	-29	1.17	3.50	-54
Methabenzthia zuron	1.38	4.13	-32	1.12	3.36	-5	1.58	4.73	-49	1.22	3.65	-30	1.48	4.43	-20	1.13	3.38	-59
Methidathion	1.76	5.27	-49	1.34	4.02	-14	1.48	4.44	0	1.49	4.48	-40	1.68	5.04	-20	1.36	4.09	-54
Methiocarb	1.18	3.55	-27	1.04	3.12	-18	1.13	3.39	0	1.02	3.06	-28	1.35	4.05	-30	0.77	2.30	-68
Methoprotryne	1.31	3.93	-25	1.14	3.43	-8	1.55	4.65	28	0.82	2.46	-26	1.37	4.10	-21	1.11	3.32	-58
Methoxyfenozi de	1.26	3.77	-20	1.34	4.01	20	1.81	5.43	44	1.24	3.73	-3	1.73	5.20	-13	1.09	3.28	-47
Metobromuron	1.21	3.64	-44	1.55	4.64	-16	2.16	6.49	-7	1.03	3.09	-41	1.82	5.46	-44	1.11	3.32	-63
Metolachlor	1.27	3.82	-24	1.08	3.24	-19	1.44	4.33	16	0.85	2.56	-23	1.32	3.97	-19	1.18	3.55	-57
Metrafenone	1.16	3.47	-16	1.12	3.36	9	1.90	5.69	45	1.14	3.41	-8	1.42	4.26	-1	1.03	3.09	-54
Napropamid	1.26	3.79	22	1.14	3.43	-1	1.00	2.99	37	1.02	3.06	-33	1.24	3.73	-7	1.17	3.51	-51
Norflurazon	1.25	3.75	-66	1.37	4.11	-52	2.15	6.46	-35	1.20	3.61	-42	1.85	5.56	-57	1.36	4.09	-77
Oxadiazyl	0.87	2.60	-17	1.06	3.18	-12	1.16	3.49	11	0.99	2.97	-11	1.12	3.37	-2	0.84	2.53	-57
Oxycarboxim	/	/	-80	/	/	-71	/	/	-72	2.13	6.39	-59	/	/	-71	2.13	6.40	-82
Paclobutrazol	0.72	2.17	10	0.88	2.64	17	1.32	3.96	59	0.65	1.96	-1	1.25	3.75	9	1.11	3.32	-62
Pencycuron	1.24	3.73	-29	1.03	3.10	-1	1.42	4.25	29	0.90	2.69	-12	1.15	3.44	-17	0.95	2.86	-54
Penthiopyrad	1.00	3.00	-13	0.98	2.95	-1	1.28	3.84	30	0.95	2.86	-6	1.20	3.59	-10	0.84	2.52	-48
Pethoxamid	1.27	3.82	-16	0.93	2.80	-5	0.98	2.95	18	0.78	2.34	-43	1.21	3.64	-17	1.04	3.11	-58
Phenthoate	1.14	3.43	-19	1.07	3.21	14	1.44	4.32	39	0.92	2.77	-19	1.26	3.77	-6	0.95	2.84	-60

Phosalone	1.20	3.59	-32	1.15	3.45	-4	1.74	5.23	36	1.24	3.71	-17	1.32	3.97	-11	1.13	3.39	-64
Phosmet	1.66	4.99	-93	1.47	4.41	-68	1.94	5.83	-84	1.29	3.88	-49	1.79	5.36	-88	1.16	3.47	-94
Phosphamidon	1.52	4.57	-52	1.57	4.72	-35	1.60	4.79	-13	0.95	2.86	-44	1.74	5.22	-46	1.14	3.43	-70
Phoxim	1.19	3.57	-31	1.11	3.32	1	1.14	3.41	24	0.89	2.67	-13	1.24	3.73	-13	1.10	3.31	-62
Picolinafen	1.20	3.59	-14	1.15	3.44	12	2.04	6.12	30	1.12	3.37	-16	1.32	3.95	-5	1.03	3.10	-51
Picoxystrobin	1.23	3.70	-20	1.16	3.47	0	1.62	4.86	29	0.84	2.53	-12	1.24	3.73	-22	0.96	2.89	-41
Pinoxaden	0.92	2.75	-11	1.03	3.10	-5	1.26	3.77	32	0.76	2.28	-8	1.26	3.77	-48	1.03	3.10	-48
Piperonyl Butoxyde	1.07	3.21	-10	1.02	3.07	2	1.06	3.18	28	0.78	2.35	-8	1.01	3.02	-8	0.80	2.41	-16
Pirimiphos- ethyl	1.18	3.53	-13	1.02	3.06	9	1.19	3.57	32	1.02	3.05	-2	1.09	3.28	-4	1.04	3.13	-39
Pirimiphos- methyl	1.06	3.18	-31	0.96	2.88	-7	1.05	3.16	21	0.73	2.20	-18	1.04	3.13	-21	0.99	2.96	-56
Prochloraz	1.05	3.16	-23	1.11	3.34	-7	1.58	4.74	41	1.03	3.10	-20	1.31	3.93	10	1.16	3.49	-56
Profenofos	1.08	3.24	10	1.10	3.29	32	1.44	4.33	53	0.93	2.79	1	1.31	3.94	3	1.17	3.51	-48
Prometon	1.79	5.37	-37	1.22	3.67	-9	2.15	6.46	11	1.00	2.99	-29	1.47	4.40	-26	1.11	3.32	-63
Prometryn	0.99	2.96	-14	0.97	2.90	-2	1.34	4.03	20	0.99	2.98	-21	1.19	3.56	-23	1.17	3.51	-53
Propaphos	1.02	3.07	-10	0.94	2.81	3	1.34	4.03	47	0.81	2.42	1	1.17	3.51	8	1.02	3.06	-39
Propquinazid	1.31	3.92	-4	1.53	4.59	7	2.02	6.07	30	2.09	6.27	-1	1.84	5.52	0	1.29	3.86	-46
Propargite	1.04	3.11	-23	0.99	2.98	2	0.97	2.90	24	1.21	3.63	-18	1.14	3.41	-15	0.92	2.75	-54
Propazine	1.28	3.85	-28	0.80	2.41	-9	1.27	3.80	11	1.26	3.77	-31	1.06	3.17	-21	1.29	3.86	-55
Propiconazole	1.15	3.46	-26	1.15	3.45	-12	1.26	3.79	21	0.95	2.86	-94	1.23	3.68	-16	1.12	3.35	-53
Propyzamide	0.81	2.42	-20	0.92	2.76	13	1.35	4.06	4	0.95	2.86	-29	1.14	3.41	-33	0.89	2.67	-63
Prosulfocarb	0.91	2.72	161	0.79	2.37	51	0.96	2.88	30	0.98	2.95	71	1.01	3.03	65	0.86	2.59	18
Pyraclostrobin	1.16	3.47	-29	1.16	3.48	-2	1.42	4.25	-87	1.00	3.01	-24	1.31	3.94	-2	1.00	3.00	-49
Pyrazophos	0.97	2.92	-15	1.08	3.23	-1	1.43	4.28	45	0.78	2.35	-4	1.28	3.83	1	0.87	2.61	-10
Pyridaben	1.06	3.19	-29	1.23	3.69	3	2.16	6.47	34	1.68	5.04	-12	1.45	4.35	-9	1.01	3.04	-55
Pyridafenthion	0.90	2.69	-15	1.13	3.39	0	1.73	5.18	28	0.86	2.58	2	1.43	4.30	2	0.99	2.96	-42
Pyridate	1.00	2.99	-22	1.47	4.41	-68	1.58	4.74	-27	1.34	4.03	-21	0.81	2.42	-19	1.04	3.13	-58
Rimsulfuron	1.40	4.21	-15	/	/	-16	/	/	15	0.93	2.78	-5	/	/	-3	0.87	2.62	-47
Saflufenacil	0.68	2.05	10	0.98	2.94	-8	1.64	4.93	54	/	/	-19	0.89	2.67	14	0.94	2.81	-63
Spinosyn-A	0.94	2.82	-20	1.12	3.36	-1	0.93	2.79	36	0.95	2.86	-18	1.36	4.08	-26	0.90	2.70	-62
Spirotetramat	0.77	2.30	0	1.06	3.17	-5	1.34	4.03	35	/	/	-16	1.32	3.95	-1	0.71	2.12	-45

Spiroamine	0.91	2.72	-10	0.95	2.86	10	1.19	3.57	35	0.70	2.09	-8	1.04	3.11	-7	0.96	2.88	-48
Sulfotep	1.10	3.31	-19	1.12	3.36	-7	1.44	4.32	35	0.80	2.40	1	1.38	4.14	-14	1.05	3.14	-51
Tebufenozide	1.17	3.52	-13	1.03	3.09	4	1.71	5.13	-98	1.00	3.00	-11	1.19	3.58	-6	0.92	2.76	-51
Tebufenpyrad	1.10	3.29	-23	0.91	2.73	-5	1.41	4.23	20	0.97	2.92	-16	1.02	3.05	-19	1.08	3.25	-62
Tepraloxym	0.94	2.82	-51	1.31	3.93	-11	1.89	5.67	17	1.05	3.16	-7	1.51	4.53	4	0.92	2.77	-51
Terbufos	0.93	2.79	-9	0.89	2.68	22	0.96	2.88	22	1.06	3.19	1	0.94	2.82	7	0.75	2.26	-49
Thiobencarb	1.03	3.09	-11	0.97	2.91	6	1.22	3.65	6	0.92	2.76	7	1.17	3.51	-10	1.03	3.08	-57
Tolfenpyrad	1.05	3.14	-23	0.91	2.73	6	1.61	4.83	6	1.05	3.14	-12	1.06	3.17	-6	0.96	2.89	-55
Tralkoxym	1.11	3.34	-18	1.11	3.32	1	1.50	4.50	1	/	/	-10	1.26	3.79	-5	1.20	3.61	-56
Triadimefon	0.82	2.47	-22	0.90	2.69	-7	1.14	3.41	-7	0.82	2.47	-17	1.00	3.01	-31	0.98	2.93	-56
Triallate	0.69	2.07	-71	1.04	3.11	-89	1.04	3.11	-39	1.78	5.34	-70	1.07	3.21	-91	/	/	-96
Tridemorph	1.19	3.58	-22	1.04	3.13	2	1.28	3.85	2	0.71	2.14	-11	0.95	2.85	-7	0.92	2.76	-56
Triforine	0.86	2.57	-30	1.06	3.18	-30	1.97	5.90	-30	0.88	2.65	-34	1.33	4.00	-23	2.10	6.30	-68
Zoxamide	1.20	3.61	-27	1.06	3.17	-8	1.16	3.48	-8	0.94	2.81	-21	1.29	3.86	-9	0.92	2.77	-54