

Table S1. MS/MS parameters for the analysis of target analytes in the MRM ESI⁺ mode and validation data

Number	Pesticide	Type of pesticide	Chemical group	T _R (time)	Precursor ion, m/z	Quantitative ion, m/z (^b CE, eV)	Qualitative ion, m/z (CE, eV)	LOQ (mg/kg)	Recovery		Repeatability (%RSD, n=5)		Within-laboratory reproducibility (%RSD, n=10)		U(%)
									0.01 mg/kg	0.2 mg/kg	0.01 mg/kg	0.2 mg/kg	0.01 mg/kg	0.2 mg/kg	
1	Acephate	IN	organophosphate	1.9	184.1	143.0 (5)	95.0 (20)	0.003	94.3	90.8	4.2	8.7	8.4	3.9	29
2	Acetamiprid	IN	neonicotinoid	4.1	223.0	79.0 (30)	109.0 (20)	0.002	94.6	88.1	7.4	4.3	5.3	9.4	17
3	Acetochlor	HB	amide	12.8	270.2	224.0 (5)	148.2 (20)	0.003	81.7	88.4	7.5	6.1	6.3	6.2	18
4	Aldicarb	NE/IN/AC	carbamate	4.8	208.2	89.1 (20)	116.1 (10)	0.007	94.6	91.7	8.6	4.5	5.9	6.2	21
5	Aldicarb sulfone	NE/IN/AC	carbamate	2.7	223.0	86.0 (15)	148.0 (10)	0.002	91.4	97.6	4.2	1.6	6.6	12.7	32
6	Aldicarb sulfoxide	NE/IN/AC	carbamate	2.3	207.0	89.0 (15)	132.0 (10)	0.001	106.4	88.4	10.1	4.7	4.7	8.5	19
7	Atrazine	HB	triazine	6.5	216.1	96.0 (25)	174.1 (20)	0.001	94.6	97.2	4.7	2.9	6.4	9.3	26
8	Aziprotryne	HB	triazine	9.8	226.1	156.1 (10)	198.1 (10)	0.001	85.4	79.5	5.4	7.4	2.9	3.9	16
9	Azoxystrobin	FU	strobilurin	11.3	404.0	329.0 (40)	372.0 (25)	0.001	79.3	80.1	7.9	9.1	5.2	5.3	31
10	Benalaxyl	FU	unclassified	14.2	326.2	148.1 (5)	294.0 (5)	0.001	88.3	84.6	5.6	8.4	9.3	7.8	39
11	Bifenazate	IN/AC	hydrazine	12.4	301.2	198.1 (5)	170.1 (20)	0.008	98.5	92.8	3.6	11.5	7.3	4.2	30
12	Bioallethrin	IN	pyrethroid	17.7	303.1	135.1 (10)	107.0 (20)	0.050	86.4	81.7	8.9	11.4	2.7	7.9	15
13	Bioresmethrin	IN	pyrethroid	19.2	339.2	171.1 (15)	143.1 (25)	0.003	77.4	71.6	8.4	11.4	6.3	4.6	27
14	Bitertanol	FU	triazole	12.9	338.2	70.0 (5)	269.2 (5)	0.008	90.1	94.6	5.1	7.6	6.9	9.4	22
15	Boscalid	FU	carboxamide	11.5	343.0	140.0 (20)	307.0 (20)	0.003	101.1	95.6	1.8	7.1	4.3	8.5	25
16	Bupirimate	FU	pyrimidine	13.0	317.0	108.0 (30)	166.0 (30)	0.001	98.2	94.7	8.4	5.4	8.4	6.8	31
17	Buprofezin	AC/IN	thiadiazine	17.6	306.0	57.0 (25)	201.0 (20)	0.002	79.3	83.5	3.6	7.2	6.0	6.8	37
18	Cadusafos	IN/NE	organophosphate	14.8	271.0	131.0 (20)	159.0 (15)	0.001	94.0	97.5	6.2	1.7	2.8	10.4	21
19	Carbaryl	IN/PG	carbamate	6.4	202.1	145.1 (10)	127.1 (5)	0.008	86.7	84.1	4.5	8.4	4.1	3.7	16
20	Carbendazim	FU	benzimidazole	2.9	192.1	132.1 (35)	160.1 (35)	0.002	96.3	89.3	9.3	7.3	7.9	2.9	27

21	Carbofuran	IN/NE/AC	carbamate	6.0	222.0	123.0 (35)	165.0 (25)	0.008	80.6	92.5	5.1	4.3	4.2	6.4	20
22	Chloridazon	HB	pyridazinone	3.7	222.0	77.0 (25)	92.0 (30)	0.001	97.1	92.4	4.2	6.3	7.7	6.9	34
23	Chlorpyrifos methyl	IN	organophosphate	16.2	322.0	125.0 (15)	290.0 (15)	0.003	74.2	78.3	8.2	4.6	4.2	8.4	26
24	Chlorpyrifos	IN	organophosphate	17.8	350.0	198.1 (20)	96.9 (30)	0.008	88.4	86.7	3.1	2.6	8.4	2.7	36
25	Chlorsulfuron	HB	sulphonylurea	6.1	358.0	290.0 (20)	141.0 (15)	0.001	105.1	94.6	4.5	2.1	4.9	11.5	22
26	Clethodim	HB	cyclohexenone	17.0	360.1	164.1 (20)	268.0 (10)	0.002	82.4	88.7	2.4	4.1	3.7	6.4	19
27	Clodinafop	HB	phenoxypionic	8.5	350.0	91.1 (30)	266.0 (15)	0.001	95.4	97.3	1.4	1.9	6.3	6.2	31
28	Clofentezine	AC	tetrazine	15.5	303.0	102.0 (30)	138.0 (20)	0.001	96.4	92.5	4.6	2.8	8.1	8.4	37
29	Cyanofenphos	IN	organophosphate	15.8	304.0	157.0 (20)	276.0 (10)	0.006	91.4	94.6	4.5	7.7	1.9	1.3	25
30	Cymoxanil	FU	acetamide	4.3	199.0	111.0 (15)	128.0 (10)	0.008	90.2	94.3	7.4	3.6	4.0	5.7	18
31	Cyproconazole	FU	triazole	9.4	292.1	70.0 (15)	125.0 (15)	0.002	96.4	91.3	4.5	1.6	6.2	4.3	31
32	Cyprodinil	FU	pyrimidinamines	12.2	226.0	93.0 (40)	108.0 (30)	0.002	75.4	73.7	2.1	8.4	8.6	8.5	37
33	Daminozide	PG	hydrazides	1.4	161.1	143.1 (15)	102.2 (15)	0.002	85.4	81.6	3.4	2.7	7.9	7.3	39
34	Demeton-S-methyl	IN/AC	organophosphate	5.4	231.0	61.1 (25)	82.1 (10)	0.003	94.6	98.3	4.7	2.6	4.6	5.9	26
35	Demeton-S-methyl-sulfone	IN/AC	organophosphate	3.2	263.0	82.0 (10)	121.0 (15)	0.001	91.2	86.4	5.4	3.7	6.9	5.3	24
36	Desmedipham	HB	carbamate	9.5	301.0	136.0 (20)	182.0 (10)	0.001	96.4	92.8	3.1	6.7	4.7	8.4	26
37	Diazinon	IN	organophosphate	15.2	305.0	169.1 (20)	153.2 (20)	0.002	79.4	81.5	5.4	9.7	5.2	6.8	28
38	Dichlofluanid	FU	sulphamide	14.5	333.0	123.0 (20)	224.0 (10)	0.002	75.6	79.3	5.2	4.9	9.4	3.7	33
39	Diethofencarb	FU	carbamate	9.7	268.0	124.0 (35)	226.0 (10)	0.002	95.6	94.3	4.6	2.7	11.9	5.3	31
40	Difenoconazole	FU	triazole	14.7	406.0	111.9 (40)	251.9 (25)	0.001	103.0	98.0	5.8	3.7	8.3	8.3	27
41	Diflubenzuron	IN	benzamide	12.4	4.6	111.2 (40)	251.1 (20)	0.002	103.5	95.1	2.1	4.3	9.4	5.9	26
42	Dimethenamid	HB	amide	9.8	276.0	168.0 (25)	244.0 (15)	0.001	94.6	92.7	6.1	4.5	3.7	2.7	20
43	Dimethoate	IN/AC	organophosphate	3.9	230.0	125.0 (20)	199.1 (10)	0.002	92.4	93.1	5.5	2.7	5.8	10.5	18
44	Dimethomorph	FU	morpholine	9.1	388.1	165.0 (30)	300.9 (20)	0.001	73.8	85.4	9.4	2.8	6.3	6.7	36
45	Disulfoton sulfone	IN	organophosphate	8.7	307.0	97.0 (30)	125.0 (10)	0.002	95.6	91.2	1.1	4.5	8.9	4.2	21

46	Epoxiconazole	FU	triazole	11.4	330.0	101.0 (40)	121.1 (20)	0.001	95.4	97.3	4.8	3.7	6.3	7.3	27
47	Ethiofencarb	IN	carbamate	6.7	226.0	107.0 (15)	164.0 (10)	0.001	95.1	106.2	6.3	4.1	9.2	8.5	34
48	Ethirimol	FU	miazines	3.8	210.2	140.1 (30)	98.1 (35)	0.003	95.4	93.6	5.2	6.7	6.8	2.9	21
49	Etofenprox	IN	pyrethroid	17.5	394.3	107.0 (40)	177.0 (15)	0.010	92.1	89.3	5.5	2.7	7.5	4.6	32
50	Etoxazole	IN	diphenyl oxazoline	18.3	361.0	141.0 (30)	177.0 (20)	0.001	93.4	91.7	3.5	1.7	6.5	18.8	29
51	Fenamidone	FU	imidazole	11.0	312.0	92.0 (25)	236.1 (15)	0.001	88.2	92.7	7.6	3.8	7.8	3.7	27
52	Fenarimol	FU	pyrimidine	10.8	331.0	81.0 (30)	268.0 (20)	0.001	93.5	94.6	7.3	9.1	4.8	4.8	37
53	Fenazaquin	AC	quinazoline	18.6	307.2	57.1 (20)	161.2 (15)	0.001	91.9	98.6	4.4	1	9.3	5.3	32
54	Fenbuconazole	FU	triazole	12.6	337.1	70.0 (20)	125.1 (30)	0.001	98.7	92.4	5.2	2.6	10.2	7.4	29
55	Fenhexamid	FU	hydroxyanilide	11.3	302.0	55.1 (40)	97.1 (20)	0.001	101.6	98.2	4.6	6.2	9.4	8.5	33
56	Fenoxaprop-ethyl	HB	phenoxypropionic	16.8	362.0	121.0 (25)	288.0 (20)	0.001	94.1	89.6	5.2	1.3	2.9	9.3	18
57	Fenoxycarb	IN	carbamate	13.1	302.0	88.0 (20)	116.0 (10)	0.001	84.6	92.1	5.3	4.1	9.5	4.7	26
58	Fenpropathrin	IN/AC	pyrethroid	18.4	350.0	97.0 (30)	125.0 (15)	0.008	102.5	95.4	4.5	2.8	4.0	6.4	19
59	Fenpyroximate	AC	pyrazole	18.3	422.2	138.1 (30)	366.1 (25)	0.001	96.4	86.2	8.4	6.6	6.4	13.5	24
60	Fludioxonil	FU	phenylpyrrole	10.7	247.0	180.0 (30)	126.0 (30)	0.001	91.3	95.2	2	2.4	7.3	2.9	32
61	Flufenoxuron	IN	benzoylurea	17.9	489.0	158.1 (10)	141.1 (15)	0.002	74.5	76.4	4.8	5.4	6.9	8.6	31
62	Flusilazole	FU	triazole	12.5	316.0	165.0 (40)	247.0 (25)	0.002	100.3	95.3	8.4	2.6	3.2	5.7	19
63	Flutriafol	FU	triazole	6.5	302.1	70.0 (15)	123.0 (20)	0.002	90.4	94.1	2.7	5.1	7.9	4.7	36
64	Fonofos	IN	organophosphate	15.4	247.1	109.0 (20)	137.0 (10)	0.002	86.4	87.2	3.6	1.8	5.3	6.3	27
65	Furalaxyl	FU	amide	9.5	302.2	242.2 (15)	270.2 (5)	0.003	92.5	94.6	7.5	1.3	6.3	8.5	22
66	Haloxypop	HB	phenoxypropionic	12.1	434.0	91.0 (35)	316.0 (20)	0.002	95.3	91.7	5.2	3.4	8.4	5.9	31
67	Haloxypop-methyl	HB	phenoxypropionic	16.4	376.0	316.0 (15)	288.0 (20)	0.001	77.6	74.3	8.5	11.6	7.3	3.8	22
68	Hexaconazole	FU	triazole	12.4	314.0	70.0 (30)	159.0 (30)	0.001	97.6	95.4	5.4	1.8	9.2	6.3	24
69	Hexaflumuron	IN	benzoylurea	16.3	459.0	276.0 (20)	439.0 (10)	0.003	100.4	95.7	11.5	6.7	12.1	8.6	37
70	Hexythiazox	IN/AC	carboxamide	17.9	353.0	168.1 (25)	228.0 (15)	0.003	95.4	93.7	6.4	1.1	5.3	5.9	35

71	Imazalil	FU	imidazole	6.2	297.0	69.0 (30)	159.0 (35)	0.001	87.5	94.5	5.4	8.2	7.7	7.3	32
72	Imidacloprid	IN	neonicotionid	3.8	256.0	175.0 (30)	209.0 (25)	0.008	93.0	79.3	6.3	4.9	4.1	7.9	28
73	Iprovalicarb	FU	carbamate	10.7	321.1	119.0 (20)	203.2 (5)	0.002	95.4	89.6	7.5	11.3	7.9	4.8	26
74	Isoprocarb	IN	carbamate	7.2	194.1	95.0 (20)	137.1 (5)	0.001	86.4	81.2	8.4	6.4	9.4	7.3	36
75	Malaaxon	IN/AC	organophosphate	5.9	315.1	99.0 (25)	127.0 (10)	0.001	98.4	101.4	3.7	5.6	4.3	8.4	21
76	Malathion	IN/AC	organophosphate	12.7	331.0	99.0 (25)	127.0 (10)	0.001	97.3	94.8	8.4	6.2	8.4	6.6	29
77	Metalaxyl-M	FU	phenylamide	6.9	280.1	192.1 (15)	220.0 (10)	0.001	96.4	93.7	8.5	15.4	9.3	4.6	22
78	Metalaxyl	FU	phenylamide	6.8	280.1	192.1 (20)	220.1 (15)	0.002	99.2	100.7	8.4	6.3	6.7	5.3	26
79	Methamidophos	IN	organophosphate	1.7	142.0	94.0 (10)	125.0 (15)	0.002	104.3	98.2	11.4	3.8	7.3	8.4	32
80	Methiocarb	IN	carbamate	8.9	226.0	169.0 (20)	164.0 (10)	0.008	97.6	94.3	7.6	2.8	5.9	6.9	27
81	Methomyl	IN	carbamate	3.0	163.0	88.0 (10)	106.0 (10)	0.003	95.3	89.6	7.6	5.9	6.3	6.3	26
82	Methoxyfenozide	IN	hydrazides	12.6	369.1	149.1 (20)	313.2 (10)	0.003	68.3	71.5	12.6	8.4	5.2	5.8	22
83	Mevinphos	IN/AC	organophosphate	4.2	225.0	127.0 (15)	193.0 (5)	0.002	86.4	80.9	8.1	12.4	8.3	7.4	33
84	Myclobutanil	FU	triazole	10.8	289.1	70.2 (20)	125.1 (30)	0.001	79.4	97.4	5.9	8.2	5.0	6.7	27
85	Nicosulfuron	HB	sulphonylurea	4.8	411.0	106.0 (30)	182.0 (20)	0.002	83.5	84.7	8.8	2.6	6.8	11.9	21
86	Nitenpyram	IN	neonicotinoid	2.9	271.1	224.1 (15)	237.1 (10)	0.003	88.5	94.1	2.1	4.6	8.3	6.4	25
87	Omethoate	IN/AC	organophosphate	2.2	214.1	125.1 (20)	183.1 (10)	0.003	100.5	89.4	7.5	4.6	5.1	6.2	27
88	Oxadixyl	FU	phenylamide	5.1	279.0	132.0 (35)	219.0 (10)	0.001	86.4	82.3	9.4	3.7	7.3	8.3	26
89	Paclobutrazol	FU/PG	triazole	8.9	294.0	70.0 (40)	125.0 (45)	0.002	98.8	85.7	6.8	9.2	8.4	3.9	33
90	Paraaxon-ethyl	IN	organophosphate	7.2	276.2	174.1 (20)	220.0 (15)	0.001	98.3	92.7	3.5	1.7	5.8	5.3	32
91	Penconazole	FU	triazole	12.7	284.0	70.1 (15)	159.1 (30)	0.001	98.3	91.7	5.6	1.7	6.2	7.5	37
92	Pendimethalin	HB	dinitroaniline	17.9	282.2	194.1 (15)	212.1 (5)	0.001	89.4	97.3	6.1	6.4	9.4	8.5	25
93	Phenmedipham	HB	carbamate	9.4	301.0	136.0 (20)	168.1 (10)	0.001	84.3	88.9	9.4	5.2	10.4	3.9	31
94	Phenthoate	IN	organophosphate	15.1	321.0	135.0 (20)	163.2 (10)	0.008	95.0	97.3	7.6	4.8	7.4	11.7	27
95	Phorate	IN	organophosphate	15.8	261.5	75.0 (10)	199.0 (5)	0.050	84.3	76.8	9.9	12.4	3.9	7.3	24
96	Phosalone	IN/AC	organophosphate	16.2	368.0	111.0 (35)	182.0 (15)	0.008	108.7	92.3	8.9	4.3	8.2	9.5	35

97	Phosmet	IN	organophosphate	10.4	318.0	77.0 (35)	160.0 (20)	0.001	100.1	94.6	5.4	3.8	6.2	4.7	27
98	Phosphamidon	IN/AC	organophosphate	4.8	300.1	174.1 (10)	127.0 (20)	0.002	96.5	99.1	4.5	7.8	8.5	6.4	32
99	Picolinafen	HB	amide	17.2	377.0	238.0 (20)	359.0 (20)	0.002	86.5	88.4	1.5	7.1	6.9	8.4	37
100	Picoxystrobin	FU	methoxyacrylates	14.8	368.1	145.0 (20)	205.0 (5)	0.010	86.4	83.6	8.4	5.7	8.8	9.1	27
101	Pirimicarb	IN	carbamate	4.7	239.2	72.0 (20)	182.2 (10)	0.001	90.4	97.2	8.2	4.7	3.7	7.8	20
102	Pretilachlor	HB	amide	16.3	312.1	252.1 (15)	176.2 (25)	0.001	81.4	84.2	5.4	7.8	12.6	5.7	27
103	Prochloraz	FU	imidazole	13.6	376.2	70.1 (35)	307.9 (10)	0.002	94.7	90.2	4.2	5.1	7.4	3.5	21
104	Promecarb	IN	carbamate	9.9	208.0	109.0 (10)	151.0 (10)	0.001	97.3	99.2	8.1	6.4	8.4	6.3	28
105	Prometryn	HB	triazine	9.3	242.2	158.1 (20)	200.2 (15)	0.001	85.1	88.3	7.4	6.7	7.3	6.5	33
106	Propamocarb	FU	carbamate	2.3	189.1	74.0 (40)	102.0 (35)	0.001	94.2	90.1	11.6	8.2	8.5	8.5	38
107	Propargite	AC	sulphite ester	18.4	368.1	231.0 (5)	175.1 (15)	0.010	84.6	97.1	8.4	7.6	4.8	4.9	21
108	Propazine	HB	triazine	8.2	229.9	146.1 (20)	188.1 (15)	0.001	99.3	91.4	8.6	1.6	5.3	8.4	28
109	Propiconazole	FU	triazole	13.5	342.1	159.1 (20)	69.0 (20)	0.001	94.5	97.1	8.8	4.1	8.5	7.9	25
110	Propyzamide	HB	benzamide	11.2	256.0	173.0 (20)	190.0 (15)	0.001	95.3	97.6	1.8	2.4	7.2	7.2	37
111	Pymetrozine	IN	pyridine	2.2	218.0	79.0 (25)	105.0 (15)	0.001	85.6	84.9	5.2	3.7	8.9	8.5	22
112	Pyraclostrobin	FU	methoxyacrylates	15.6	388.1	163.0 (30)	193.9 (20)	0.002	90.3	84.6	5.2	4.7	5.7	9.8	17
113	Pyridaphenthion	IN	organophosphate	11.8	341.0	92.0 (30)	189.0 (20)	0.001	96.4	92.7	6.6	1.7	6.3	10.5	25
114	Pyrimethanil	FU	pyrimidine	7.9	200.0	107.0 (45)	168.0 (35)	0.001	93.4	90.1	8.2	9.9	8.4	7.3	37
115	Pyriproxyfen	IN	unclassified	17.6	322.0	96.0 (15)	227.0 (15)	0.001	94.6	91.3	7.8	6.1	3.6	8.3	18
116	Secbumeton	HB	triazine	5.6	226.2	170.1 (20)	142.1 (20)	0.001	95.1	98.4	5.1	6.6	6.3	3.8	27
117	Sethoxydim	HB	cyclohexadione	17.3	328.0	178.0 (20)	282.0 (10)	0.002	94.6	93.4	10.8	5.7	8.7	5.3	36
118	Simazine	HB	triazine	5.1	202.0	96.1 (20)	124.0 (15)	0.001	105.4	95.7	6.9	2.7	4.9	7.5	31
119	Spirotetramat	IN	tetronic acid	10.5	374.0	302.0 (25)	330.0 (25)	0.003	100.4	95.3	2.5	7.4	10.5	8.5	28
120	Spiroxamine	FU	unclassified	8.8	298.0	142.0 (30)	100.0 (30)	0.001	100.4	95.7	2.4	3.7	11.2	5.4	34
121	Tebuconazole	FU	triazole	11.9	308.0	70.1 (40)	125.0 (20)	0.001	88.5	89.4	8.4	11.7	6.2	8.6	26
122	Tepraloxydim	HB	cyclohexadione	11.5	342.0	166.0 (20)	250.0 (10)	0.002	81.7	86.7	4.6	5.1	8.4	13.5	37

123	Terbufos	IN	organophosphate	17.6	289.0	57.1 (20)	103.0 (10)	0.020	84.6	86.9	6.7	4.2	5.9	5.7	32
124	Terbuthylazine	HB	triazine	8.9	230.0	96.0 (30)	174.0 (15)	0.001	95.7	91.6	4.6	2.7	7.3	5.9	24
125	Tetramethrin	IN	pyrethroid	17.4	332.2	164.1 (15)	135.1 (15)	0.001	87.3	84.9	5.4	7.6	5.9	6.3	18
126	Thiabendazole	FU	benzimidazole	3.0	202.0	131.0 (30)	175.0 (25)	0.001	84.3	89.7	6.8	4.9	9.4	8.8	32
127	Thiacloprid	IN	neonicotinoid	4.6	253.0	90.1 (35)	126.0 (20)	0.001	97.6	88.4	7.2	2.2	6.2	6.4	21
128	Thiamethoxam	IN	neonicotinoid	3.2	292.0	132.0 (20)	211.2 (10)	0.001	85.2	81.7	3.6	1.8	8.6	7.3	32
129	Thiobencarb	HB	thiocarbamate	15.3	258.2	89.0 (40)	125.0 (20)	0.001	92.4	90.7	11.7	6.4	7.4	1.6	20
130	Thiodicarb	IN	carbamate	5.9	355.0	88.0 (15)	108.0 (15)	0.008	91.4	101.7	4.9	3.7	7.2	9.5	26
131	Thiophanate methyl	FU	benzimidazole	5.6	343.1	151.1 (20)	311.1 (10)	0.003	72.7	79.4	5.8	9.3	8.4	4.9	38
132	Tolclofos methyl	IN	organophosphate	15.8	301.2	269.0 (15)	125.2 (20)	0.010	74.3	76.4	8.5	4.6	8.1	3.5	36
133	Triadimefon	FU	triazole	11.3	294.1	69.3 (20)	197.2 (15)	0.003	85.2	86.1	2.8	4.1	5.9	5.4	23
134	Triadimenol	FU	triazole	8.7	296.0	69.9 (30)	126.9 (35)	0.003	81.4	83.8	5.1	2.9	7.3	6.9	16
135	Triazophos	IN	organophosphate	12.9	314.1	162.1 (20)	286.0 (10)	0.002	84.6	89.1	8.5	4.3	9.2	6.3	17
136	Trichlorfon	IN	organophosphate	3.4	257.0	79.0 (30)	109.0 (20)	0.001	96.4	92.7	6.4	2.8	4.1	6.8	22
137	Trifloxystrobin	FU	strobilurin	16.8	409.0	145.0 (55)	186.0 (35)	0.002	75.5	85.7	6.4	2.5	5.3	8.4	18
138	Triflumizole	FU	imidazole	15.2	346.0	73.0 (10)	278.0 (10)	0.002	98.3	94.7	4.4	6.2	7.2	6.5	29
139	Trifluralin	HB	dinitroaniline	12.2	336.0	138.9 (20)	103.0 (40)	0.060	89.4	88.1	7.7	12.4	6.9	9.6	34
140	Triallate	HB	carbamate	18.2	304.0	86.0 (20)	143.0 (30)	0.010	91.7	86.5	8.6	4.7	8.4	5.7	27
141	Triticonazole	FU	triazole	9.5	318.0	70.0 (15)	125.0 (30)	0.001	94.4	98.2	3.5	4.9	8.1	8.0	31
142	Uniconazole	FU/PG	triazole	10.7	292.1	70.1 (30)	125.1 (30)	0.003	88.7	92.4	1.4	0.8	5.8	4.7	22

^aAC: acaricide; FU: fungicide; HB: herbicide; IN: insecticide; NE: nematocide; PG: plant growth regulator; ^bCE: collision energy.