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Table S2 Validation results of each analyte in selected matrix at three concentration levels (CU-cucumber, OR-orange)

	D	etecte	d per c	ommoo	dity (n=	=3)	Id	entifie	d per c	ommo	dity (n=	=3)	
Compound	10	w	mic	ldle	hi	gh	lo	w	mic	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
1,3-Diphenyl urea	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
1-naphthyl acetamide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
3.4.5-Trimethacarb	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Acetamiprid	2/2	3/3	2/2	3/3	2/2	3/3	0/2	0/3	2/2	3/3	2/2	3/3	1
Acetochlor	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Aldicarb	0/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Ametryn	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Ancymidol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Anilofos	3/3	3/3	3/3	3/3	3/3	3/3	2/3	1/3	3/3	3/3	3/3	3/3	-
Aspon	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Atratone	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Atrazine	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Atrazine-Desethyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Azamethiphos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Azinphos-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Azinphos-methyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Azoxystrobin	2/2	3/3	2/2	3/3	2/2	3/3	2/2	3/3	2/2	3/3	2/2	3/3	1
Benalaxyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Bendiocarb	1/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Benodanil	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Benoxacor	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Bensulide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	-
Benzoximate	1/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Benzoylprop-ethyl	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Bioallethrin	0/3	0/3	1/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Bitertanol	0/3	2/3	0/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Bromacil	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Bromfenvinfos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Brompyrazon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Bromuconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Bupirimate	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Buprofezin	3/3	2/2	3/3	2/2	3/3	2/2	3/3	2/2	3/3	2/2	3/3	2/2	1
Butachlor	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Butafenacil	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Butamifos	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Butralin	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Cadusafos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Cafenstrole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-

	D	etecte	d per c	ommod	dity (n=	=3)	Id	entifie	d per c	commo	dity (n=	=3)	
Compound	lo	w	mic	ldle	hi	gh	lc	w	mic	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU		-
Carbaryl	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Carbendazim	1/1	3/3	1/1	3/3	1/1	3/3	1/1	3/3	1/1	3/3	1/1	3/3	2
Carbetamide	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Carbofuran	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Carbofuran-3-hydroxy	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Carbophenothion	0/3	0/3	0/3	0/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Carboxin	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Carfentrazone-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Carpropamid	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Chlorfenvinphos	2/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Chloridazon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	1/3	3/3	3/3	3/3	3/3	-
Chlorotoluron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Chloroxuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Chlorpyrifos-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	1/3	2/3	3/3	3/3	3/3	3/3	_
Chlorthiophos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Chromafenozide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Cinmethylin	0/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	0/3	3/3	3/3	_
Clomazone	3/3	2/3	3/3	3/3	3/3	3/3	2/3	1/3	3/3	3/3	3/3	3/3	_
Cloquintocet-mexyl	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Clothianidin	3/3	3/3	3/3	3/3	3/3	3/3	0/3	1/3	3/3	3/3	3/3	3/3	_
Crufomate	0/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	_
Cyanazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Cycloate	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Cycluron	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Cyflufenamid	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	_
Cyprazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Cyproconazole	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Cyprodinil	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Demeton-S	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Demeton-S sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Demeton-S-methyl	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	_
Demeton-S-methyl sulfone	0/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	1/3	3/3	3/3	_
Desethyl-sebuthylazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Desmedipham	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Desmethyl-pirimicarb	2/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Diallate	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Diazinon	3/3	3/3	3/3	3/3	3/3	3/3	2/3	1/3	3/3	3/3	3/3	3/3	-
Dichlofenthion	2/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Diclobutrazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Dicrotophos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Diethatyl-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_

	D	etecte	d per c	ommo	lity (n=	=3)	Id	entifie	d per c	ommo	dity (n=	=3)	_
Compound	lo	w	mic	ddle	hi	gh	lo	w	middle		hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
Diethofencarb	0/3	3/3	0/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Diethyltoluamide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Difenoconazole	2/2	2/2	2/2	2/2	2/2	2/2	0/2	0/2	2/2	2/2	2/2	2/2	2
Difenoxuron	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Dimefuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dimepiperate	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dimethachlor	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dimethametryn	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dimethenamid	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Dimethirimol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Dimethoate	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Dimethomorph	1/1	1/3	1/1	3/3	1/1	3/3	0/1	0/3	1/1	3/3	1/1	3/3	2
Diniconazole	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Diphenamid	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dipropetryn	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Disulfoton sulfone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Disulfoton sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Dithiopyr	2/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Diuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	2/3	3/3	3/3	3/3	3/3	-
Dodemorph	1/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Edifenphos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Emamectin-benzoate	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Epoxiconazole	3/3	3/3	3/3	3/3	3/3	3/3	1/3	3/3	3/3	3/3	3/3	3/3	-
Esprocarb	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Etaconazole	0/3	0/3	3/3	2/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Ethidimuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Ethiofencarb sulfone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Ethion	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Ethiprole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	0/3	3/3	-
Ethirimol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Ethoprophos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Etobenzanid	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Etrimfos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Famphur	2/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenamidone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenamiphos	0/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenamiphos sulfone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenamiphos sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenarimol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Fenazaquin	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	0/3	-
Fenbuconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_

	D	etecte	d per c	ommo	dity (n=	€3)	Id	entifie	d per c	ommo	dity (n=	=3)	
Compound	lo	w	mic	ldle	hi	gh	lo	w	mic	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	gh OR 3/3 3/3 3/3 3/3 3/3 3/3 3/3 3/3 3/3 3/	-
Fenfuram	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Fenobucarb	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Fenothiocarb	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenoxanil	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenpropidin	1/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenpyroximate	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	1/3	2/3	3/3	3/3	-
Fensulfothion	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fenthion sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Fenuron	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Flamprop	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	1/3	-
Flamprop-methyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Fluazifop-butyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Flucycloxuron	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	1/3	3/3	3/3	-
Flufenacet	3/3	3/3	3/3	3/3	3/3	3/3	0/3	2/3	3/3	3/3	3/3	3/3	_
Flufenoxuron	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Flumiclorac-pentyl	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	_
Fluometuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	_
Fluquinconazole	2/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Fluridone	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Flurtamone	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Flusilazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Flutolanil	2/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Flutriafol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	_
Fonofos	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Forchlorfenuron	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Fosthiazate	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	_
Furalaxyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Furathiocarb	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	-
Furmecyclox	2/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Haloxyfop-ehyoxyethyl	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	2/3	1/3	3/3	3/3	-
Haloxyfop-methyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Heptenophos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Hexaconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Hexazinone	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Hexythiazox	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Imazalil	2/2	1/1	2/2	1/1	2/2	1/1	0/2	1/1	2/2	1/1	2/2	1/1	3
Imazapic	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	1/3	3/3	3/3	3/3	-
Imazethapyr	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	1/3	1/3	3/3	3/3	-
Imidacloprid	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Indoxacarb	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Iprobenfos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_

	D	etecte	d per c	ommod	lity (n=	3)	Id	entifie	d per c	ommo	dity (n=	=3)	_
Compound	lo	w	mic	ddle	hi	gh	lo	w	mic	ldle	high		Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
Iprovalicarb	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isazofos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Isocarbamid	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isofenphos oxon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isomethiozin	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Isoprocarb	1/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isopropalin	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	1/3	0/3	-
Isoprothiolane	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Isoproturon	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isouron	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Isoxaben	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Isoxadifen-ethyl	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Isoxathion	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Kadethrin	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	2/3	0/3	3/3	0/3	-
Karbutilate	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Kresoxim-methyl	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Lactofen	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Linuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Malaoxon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Malathion	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Mecarbam	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Mefenacet	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Mepanipyrim	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Mephosfolan	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Mepiquat chloride	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Mepronil	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Mesosulfuron-methyl	0/3	0/3	1/3	1/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Metalaxyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Metamitron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	0/3	-
Metazachlor	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Metconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Methabenzthiazuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Methamidophos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	1/3	2/3	3/3	3/3	-
Methiocarb	3/3	0/3	3/3	0/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Methiocarb sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Methomyl	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	1/3	3/3	3/3	-
Methoprotryne	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Metobromuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Metolachlor	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Metoxuron	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Metribuzin	0/3	0/3	0/3	0/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-

	D	etecte	d per c	ommoc	lity (n=	=3)	Id	entifie	d per o	commo	dity (n	=3)	
Compound	lo	ow	mic	ddle	hi	gh	lo	w	mie	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
Mexacarbate	0/3	0/3	0/3	0/3	3/3	0/3	0/3	0/3	0/3	0/3	3/3	0/3	-
Monocrotophos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Monuron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Myclobutanil	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Napropamide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Neburon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Norflurazon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Nuarimol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Octhilinone	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Ofurace	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Omethoate	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Orbencarb	3/3	3/3	3/3	3/3	3/3	3/3	3/3	1/3	3/3	3/3	3/3	3/3	-
Oxadixyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Oxycarboxin	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Paclobutrazol	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Paraoxon-ethyl	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	0/3	-
Pebulate	1/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Penconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pencycuron	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pentanochlor	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Phenmedipham	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Phenthoate	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Phorate sulfone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Phorate sulfoxide	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Phosalone	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Phosphamidon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Phoxim	2/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Picolinafen	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Picoxystrobin	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Piperonyl-butoxide	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Piperophos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Pirimicarb-desmethyl-formamido	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Pirimiphos-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Pirimiphos-methyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Pretilachlor	1/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Prochloraz	0/0	2/2	0/0	2/2	0/0	2/2	0/0	2/2	0/0	2/2	0/0	2/2	4
Profenofos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Prometon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Prometryn	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Pronamide	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Propamocarb	2/2	2/3	2/2	3/3	2/2	3/3	2/2	2/3	2/2	3/3	2/2	3/3	1

	D	etecte	d per c	ommo	dity (n=	=3)	Id	entifie	d per o	commo	dity (n	=3)	
Compound	10	w	mic	ddle	hi	gh	lo	w	mie	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
Propanil	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	-
Propaphos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Propaquizafop	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Propargite	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Propazine	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Propiconazole	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Propisochlor	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Propoxur	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyraclofos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	-
Pyraclostrobin	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Pyraflufen-ethyl	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyrazophos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyrazoxyfen	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyributicarb	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyridaben	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Pyridalyl	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	0/3	_
Pyridaphenthion	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Pyrimethanil	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Pyrimidifen	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Pyriproxyfen	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Pyroquilon	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Quinalphos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Quinoclamine	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	_
Quinoxyphen	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Quizalofop-ethyl	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Rabenzazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Rotenone	1/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	1/3	3/3	3/3	3/3	_
Sebutylazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	_
Secbumeton	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Simazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Simeconazole	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	1/3	2/3	2/3	_
Simeton	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Spinosad	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_
Spiroxamine	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Sulfentrazone	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	_
Sulfotep	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Sulprofos	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	_
Tebuconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	0/3	3/3	3/3	_
Tebufenozide	0/3	0/3	0/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	_
Tebupirimfos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	_
Tebutam	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	_

	D	etecte	d per c	ommoo	dity (n=	3)	Id	entifie	d per c	commo	dity (n	=3)	
Compound	10	w	mic	ddle	hi	gh	lc	w	mic	ddle	hi	gh	Blank
	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	CU	OR	-
Temephos	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Terbucarb	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Terbuthylazine	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Terbutryne	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Tetrachlorvinphos	1/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Tetraconazole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Tetramethrin	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Thiacloprid	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiamethoxam	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Thiazafluron	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiazopyr	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiobencarb	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiofanox sulfone	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiofanox sulfoxide	0/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	1/3	3/3	3/3	-
Thionazin	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Thiophanate-methyl	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Tiocarbazil	3/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Tolfenpyrad	3/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Tralkoxydim	0/3	0/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	0/3	0/3	0/3	-
Triadimefon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Triadimenol	0/3	0/3	3/3	0/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Triapenthenol	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Triazophos	3/3	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	-
Tribufos	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-
Trichlorfon	3/3	3/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	1/3	3/3	3/3	-
Tricyclazole	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Trietazine	3/3	3/3	3/3	3/3	3/3	3/3	1/3	3/3	3/3	3/3	3/3	3/3	-
Trifloxystrobin	3/3	3/3	3/3	3/3	3/3	3/3	0/3	3/3	3/3	3/3	3/3	3/3	-
Triflumizole	3/3	3/3	3/3	3/3	3/3	3/3	0/3	1/3	3/3	3/3	3/3	3/3	-
Triflumuron	0/3	2/3	3/3	3/3	3/3	3/3	0/3	0/3	0/3	3/3	3/3	3/3	-
Triticonazole	0/3	0/3	0/3	0/3	3/3	3/3	0/3	0/3	0/3	0/3	3/3	3/3	-
Vamidothion	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	-
Zoxamide	3/3	1/3	3/3	3/3	3/3	3/3	0/3	0/3	3/3	3/3	3/3	3/3	-