Supplemental Information: An initial assessment of risk to pollinators from mosquito control in residential settings

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Table S1. *Compounds Screened and Analytical Limits of Detection, as well as type (H = herbicide, I = insecticide, F = fungicide, SYN = synergist, REP = repellent).*

Analyte	Type	LOQ (ppb)	LOD (ppb)
2,6-Dichlorobenzamide	H	0.909	0.50
Abamectin	I	0.455	0.25
Acephate	I	4.55	2.50
Acequinocyl	I	0.455	0.25
Acetamiprid	I	0.455	0.25
Acetochlor	H	0.909	0.50
Acibenzolar-S-Methyl	F	0.909	0.50
Afidopyropen	I	1.36	0.75
Alachlor	H	2.27	1.25
Aldicarb	I	0.909	0.50
Aldrin	I	0.909	0.50
alpha-BHC	I	0.455	0.25
Ametoctradin	F	0.455	0.25
Ametryn	H	0.455	0.25
Aminocarb	I	0.455	0.25
Amitraz	I	0.455	0.25
Ancymidol	H	0.909	0.50
Atraton	H	0.909	0.50
Atrazine	H	0.909	0.50
Azinphos ethyl	I	0.909	0.50
Azinphos methyl	I	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Azoxystrobin	F	0.455	0.25
Bendiocarb	I	2.27	1.25
Benfluralin	H	0.455	0.25
Bensulide	H	4.55	2.50
Benthiocarb	H	2.27	1.25
Benzovindiflupyr	F	2.27	1.25
beta-BHC	I	0.455	0.25
Bifenazate	I	4.55	2.50
Bifenthrin	I	0.455	0.25
Bitertanol	F	0.909	0.50
Boscalid	F	0.909	0.50
Bromacil	H	2.27	1.25
Bromopropylate	I	0.909	0.50
Buprofezin	I	0.455	0.25
Captan	F	9.09	5.00
Carbaryl	I	0.455	0.25
Carbendazim	F	0.455	0.25
Carbofuran	I	0.455	0.25
Carbophenothion	I	4.55	2.50
Carboxin	F	0.455	0.25
Carfentrazone ethyl	H	0.455	0.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Chlorantraniliprole	I	0.455	0.25
Chlordane	I	0.909	0.50
Chlorfenapyr	I	2.27	1.25
Chlorfenvinphos	I	2.27	1.25
Chlorobenzilate	I	0.455	0.25
Chlorothalonil	F	9.09	5.00
Chloroxuron	H	4.55	2.50
Chlorpropham	H	0.909	0.50
Chlorpyrifos	I	2.27	1.25
Chlorpyrifos methyl	I	0.909	0.50
Clethodim	H	0.909	0.50
Clofentezine	I	0.909	0.50
Clomazone	H	0.909	0.50
Cloransulam methyl	H	2.27	1.25
Clothianidin	I	0.909	0.50
Coumaphos	I	0.455	0.25
Cyanazine	H	0.909	0.50
Cyantraniliprole	I	2.27	1.25
Cyazofamid	F	0.455	0.25
Cyclaniliprole	I	0.455	0.25
Cyflufenamid	F	0.455	0.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Cyflumetofen	I	0.455	0.25
Cyfluthrin	I	0.455	0.25
Cymoxanil	F	0.455	0.25
Cypermethrin	I	0.455	0.25
Cyprodinil	F	2.27	1.25
DCPMU	H	4.55	2.50
DDD	I	0.455	0.25
DDE	I	0.455	0.25
DDT	I	0.455	0.25
DEET	REP	4.55	2.50
delta BHC	I	0.455	0.25
Deltamethrin	I	2.27	1.25
Demeton-*S*	I	0.909	0.50
Diazinon	I	0.455	0.25
Dichlobenil	H	2.27	1.25
Dichlorvos	I	2.27	1.25
Diclofop methyl	H	2.27	1.25
Dicloran	F	4.55	2.50
Dicofol	I	0.455	0.25
Dicrotophos	I	0.455	0.25
Dieldrin	I	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Difenoconazole	F	0.455	0.25
Diflubenzuron	I	0.455	0.25
Dimethenamid	H	0.455	0.25
Dimethoate	I	0.455	0.25
Dimethomorph	F	0.909	0.50
Dinotefuran	I	0.455	0.25
Dioxacarb	I	0.909	0.50
Dioxathion	I	4.55	2.50
Diphenylamine	F	2.27	1.25
Disulfoton	I	0.909	0.50
Dithiopyr	H	2.27	1.25
Diuron	H	2.27	1.25
Dodine	F	0.455	0.25
Emamectin	I	0.455	0.25
Endosulfan I	I	2.27	1.25
Endosulfan II	I	2.27	1.25
Endosulfan sulfate	I	0.909	0.50
Endrin	I	2.27	1.25
EPN	I	4.55	2.50
EPTC	H	4.55	2.50
Esfenvalerate	I	0.455	0.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Ethalfluralin	H	0.455	0.25
Ethion	I	2.27	1.25
Ethofumesate	H	2.27	1.25
Ethoprop	I	0.909	0.50
Ethoxyquin	F	2.27	1.25
Etofenprox	I	0.00	0.25
Etoxazole	I	0.455	0.25
Famoxadone	F	2.27	1.25
Famphur	I	0.455	0.25
Fenamidone	F	0.455	0.25
Fenamiphos	I	0.455	0.25
Fenarimol	F	4.55	2.50
Fenazaquin	I	0.455	0.25
Fenbuconazole	F	0.909	0.50
Fenbutatin oxide	I	0.455	0.25
Fenchlorphos	I	0.455	0.25
Fenhexamid	F	2.27	1.25
Fenobucarb	I	2.27	1.25
Fenoxycarb	I	4.55	2.50
Fenpropathrin	I	0.455	0.25
Fenpyrazamine	F	2.27	1.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Fenpyroximate	I	0.455	0.25
Fenthion	I	0.909	0.50
Fenuron	H	0.909	0.50
Fipronil	I	0.909	0.50
Flonicamid	I	0.455	0.25
Fluazifop-*P*-butyl	H	0.455	0.25
Fluazinam	F	4.55	2.50
Flubendiamide	I	0.909	0.50
Fluchloralin	H	2.27	1.25
Flucythrinate	I	0.455	0.25
Fludioxonil	F	0.909	0.50
Flufenacet	H	4.55	2.50
Flufenoxuron	I	2.27	1.25
Flumioxazin	H	4.55	2.50
Fluometuron	H	0.909	0.50
Fluopicolide	F	0.455	0.25
Fluopyram	F	0.455	0.25
Fluoxastrobin	F	0.455	0.25
Flupyradifurone	I	0.909	0.50
Fluridone	H	0.455	0.25
Fluroxypyr meptyl	H	0.455	0.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Flusilazole	F	0.455	0.25
Flutianil	F	0.909	0.50
Flutolanil	F	0.909	0.50
Flutriafol	F	0.909	0.50
Fluxapyroxad	F	0.455	0.25
Folpet	F	2.27	1.25
Fomesafen	H	45.45	25.00
Fonofos	I	0.909	0.50
Forchlorfenuron	H	0.455	0.25
Formetanate	I	0.455	0.25
gamma-BHC	I	0.455	0.25
Heptachlor	I	0.909	0.50
Hexachlorobenzene (HCB)	I	0.455	0.25
Hexaconazole	F	2.27	1.25
Hexazinone	H	0.455	0.25
Hexythiazox	I	0.455	0.25
Imazalil	F	4.55	2.50
Imidacloprid	I	0.455	0.25
Indaziflam	H	0.455	0.25
Indoxacarb	I	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Iprodione	F	4.55	2.50
Isodrin	I	0.909	0.50
Isofenphos	I	0.455	0.25
Isofetamid	F	0.455	0.25
Isoprothiolane	F	0.455	0.25
Isoxaben	H	0.455	0.25
Kresoxim methyl	F	0.909	0.50
lambda Cyhalothrin	I	0.909	0.50
Linuron	H	4.55	2.50
Malathion	I	0.909	0.50
Mandipropamid	F	0.455	0.25
Mefentrifluconazole	F	0.455	0.25
Metaflumizone	I	0.909	0.50
Metalaxyl	F	0.455	0.25
Metconazole	F	2.27	1.25
Methamidophos	I	4.55	2.50
Methidathion	I	2.27	1.25
Methiocarb	I	4.55	2.50
Methomyl	I	0.455	0.25
Methoxychlor	I	0.909	0.50
Methoxyfenozide	I	0.455	0.25

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Metrafenone	F	0.455	0.25
Metribuzin	H	0.909	0.50
Mevinphos	I	2.27	1.25
Mexacarbate	I	0.455	0.25
MGK 264	I	0.909	0.50
Mirex	I	0.455	0.25
Monolinuron	H	4.55	2.50
Monuron	H	4.55	2.50
Myclobutanil	F	0.455	0.25
Napropamide	H	0.909	0.50
Neburon	H	4.55	2.50
Norflurazon	H	0.455	0.25
Novaluron	I	4.55	2.50
Omethoate	I	2.27	1.25
o-Phenylphenol	F	0.455	0.25
Oryzalin	H	4.55	2.50
Oxadiazon	H	0.909	0.50
Oxamyl	I	0.455	0.25
Oxathiapiprolin	F	0.455	0.25
Oxyfluorfen	H	4.55	2.50
Paclobutrazol	H	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Parathion	I	4.55	2.50
Parathion methyl	I	0.909	0.50
Pendimethalin	H	0.909	0.50
Penoxsulam	H	9.09	5.00
Pentachloroaniline (PCA)	F	0.909	0.50
Pentachloronitrobenzene (PCNB)	F	2.27	1.25
Pentachlorothioanisole (PCTA)	F	0.909	0.50
Penthiopyrad	F	0.455	0.25
Permethrin	I	0.455	0.25
Phenothrin	I	0.909	0.50
Phorate	I	2.27	1.25
Phosalone	I	0.909	0.50
Phosmet	I	0.909	0.50
Picoxystrobin	F	0.455	0.25
Pinoxaden	H	0.909	0.50
Piperonyl Butoxide	SYN	0.455	0.25
Pirimiphos ethyl	I	0.455	0.25
Pirimiphos methyl	I	0.455	0.25
Prallethrin	I	2.27	1.25
Procymidone	F	0.455	0.25
Prodiamine	H	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Promecarb	I	0.909	0.50
Prometon	H	0.909	0.50
Prometryne	H	0.455	0.25
Pronamide	H	0.909	0.50
Propamocarb	F	2.27	1.25
Propargite	I	0.455	0.25
Propazine	H	0.455	0.25
Propham	H	0.909	0.50
Propiconazole	F	0.909	0.50
Pydiflumetofen	F	0.455	0.25
Pymetrozine	I	0.455	0.25
Pyraclostrobin	F	0.455	0.25
Pyraflufen ethyl	H	0.455	0.25
Pyrethrin	I	9.09	5.00
Pyridaben	I	0.455	0.25
Pyrimethanil	F	0.909	0.50
Pyriofenone	F	0.455	0.25
Pyriproxyfen	I	0.455	0.25
Pyroxasulfone	H	0.455	0.25
Quinoxyfen	F	0.909	0.50
Resmethrin	I	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Sethoxydim	H	0.455	0.25
S-Hydroprene	I	0.455	0.25
Siduron	H	0.909	0.50
Simazine	H	0.909	0.50
Simetryn	H	0.455	0.25
S-Methoprene	I	0.909	0.50
S-Metolachlor	H	0.455	0.25
Spinetoram	I	0.455	0.25
Spinosad	I	0.455	0.25
Spirodiclofen	I	2.27	1.25
Spiromesifen	I	0.909	0.50
Spirotetramat	I	0.455	0.25
Sulfentrazone	H	2.27	1.25
Sulfoxaflor	I	0.455	0.25
Sulprofos	I	0.909	0.50
SWEP	H	2.27	1.25
tau Fluvalinate	I	0.455	0.25
Tebuconazole	F	0.455	0.25
Tebufenozide	I	0.455	0.25
Terbacil	H	0.909	0.50
Terbufos	I	0.909	0.50

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Analyte	Type	LOQ (ppb)	LOD (ppb)
Terbutryne	H	0.455	0.25
Tetrachlorvinphos	I	0.909	0.50
Tetraconazole	F	0.909	0.50
Tetramethrin	I	0.455	0.25
Thiabendazole	F	2.27	1.25
Thiacloprid	I	0.455	0.25
Thiamethoxam	I	0.455	0.25
Thiazopyr	H	0.455	0.25
Thidiazuron	H	0.455	0.25
Thiodicarb	I	0.909	0.50
Thiophanate methyl	F	4.55	2.50
Tolfenpyrad	I	0.909	0.50
Triadimefon	F	0.909	0.50
Triadimenol	F	0.909	0.50
Tri-allate	H	2.27	1.25
Trifloxystrobin	F	0.455	0.25
Triflumizole	F	0.909	0.50
Trifluralin	H	0.455	0.25
Triticonazole	F	0.909	0.50
Vinclozolin	F	0.909	0.50
Zoxamide	F	4.55	2.50