

APPENDIX K: Accepted ECOTOX Data Table for Cyfluthrin and Beta-Cyfluthrin

The code list for ECOTOX can be found at: <http://cfpub.epa.gov/ecotox/blackbox/help/codelist.pdf>

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Max	Conc Units Preferred	% Purity	Ref #
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.00008		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000139		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000166		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000138		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000158		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000097		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000125		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000126		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000131		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000116		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	LOAEL		1	d	0.000116		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000154		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000118		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000128		mg/L	99	99602
Cyfluthrin	Daphnia	magna	Water flea	ACC	ACC	RSDE	NOAEL		1	d	0.000126		mg/L	99	99602
Cyfluthrin	Linepithema	humile	Argentine ant	BEH	AVO	CHEM	NOAEL		4.17E-02	d	2		AI mg/m2	100	99749
Cyfluthrin	Linepithema	humile	Argentine ant	BEH	AVO	CHEM	LOAEL		4.17E-02	d	20		AI mg/m2	20	99749
Cyfluthrin	Scapteriscus	sp.	Mole Cricket	BEH	AVO	CHEM	NOAEL		0.0021	d	15		ml/3.79 L	100	114050
Cyfluthrin	Popillia	japonica	Japanese Beetle	BEH	AVO	FOOD	NOAEL		0.5833	d	0.04956		ml/L	11.8	119926
Cyfluthrin	Telenomus	busseolae	Parasitoid Wasp												

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred Mean	Dur Unit Preferred	Conc #1 Purity Adjusted in Preferred Unit Mean	Conc #2 Purity Adjusted in Preferred Unit Max	Conc Units Preferred	% Purity	Ref #
Cyfluthrin	Pimephales	promelas	Fathead minnow	BEH	BEH	THML	LOEC		1.020833	d	0.00022		mg/L	100	81341
Cyfluthrin	Pimephales	promelas	Fathead minnow	BEH	BEH	THML	LOEC			d	0.00017		mg/L	100	81341
Cyfluthrin	Apis	mellifera	Honey bee	BEH	BEH	ATSK	NOAEL		4.17E-02	d	0.0015		ul	1.5	46799
Cyfluthrin	Apis	mellifera	Honey bee	BEH	BEH	ACTP	LOAEL		1	d	0.1		mg/eu	100	92559
Cyfluthrin	Solenopsis	invicta	Red imported fire ant	BEH	BEH	DIGG	LOAEL		1	d	0.007864		ppm	98.3	99827
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	NMVM	ED30		8.33E-02	d	2.19232		mg/kg bdwt	99.2	83149
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	NMVM	NOEL		8.33E-02	d	0.87296		mg/kg bdwt	99.2	83149
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	ED50		8.33E-02	d	52.8		mg/kg bdwt	100	115225
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	STLT	NOAEL	LOAEL	8.33E-02	d	50	75	mg/kg bdwt	100	115225
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	ACTV	LOAEL		0.0625	d	50		mg/kg bdwt	100	115225
Cyfluthrin	Rattus	norvegicus	Norway rat	BEH	BEH	ACTV	LD50		0.0625	d	23.3		mg/kg bdwt	100	115225
Cyfluthrin	Rattus	norvegicus	Norway Rat	BEH	BEH	GPST	NOAEL		0.0833	d	45		mg/kg bdwt	100	119956
Cyfluthrin	Rattus	norvegicus	Norway Rat	BEH	BEH	CRDN	NOAEL		0.0833	d	45		mg/kg bdwt	100	119956
Cyfluthrin	Rattus	norvegicus	Norway Rat	BEH	BEH	GPST	NOAEL		0.0833	d	12.5		mg/kg bdwt	100	119956
Cyfluthrin	Rattus	norvegicus	Norway Rat	BEH	BEH	GPST	LOAEL		0.0833	d	25		mg/kg bdwt	100	119956
Cyfluthrin	Solenopsis	invicta	Red Imported Fire Ant	BEH	BEH	DIGG	LOAEL		1	d	0.7864		ppm	98.3	99827
Cyfluthrin	Apis	mellifera	Honey Bee	BEH	BEH	ACTP	LOAEL		1.1354	d	0.1		mg/eu	100	92559
Cyfluthrin	Apis	mellifera	Honey Bee	BEH	BEH	ACTP	LOAEL		1.1458	d	0.1		mg/eu	100	92559
Cyfluthrin	Apis	mellifera	Honey Bee	BEH	BEH	ACTP	LOAEL		1.1563	d	0.1		mg/eu	100	92559
Cyfluthrin	Apis	mellifera	Honey Bee	BEH	BEH	ACTP									

