

Appendix C. PRZM/EXAMS Input Files and Output File Data

Table C.1. Summary of Input Files.

File name	Date	Location/Use
Weather Data Files		
W23155.dvf	Jul. 3, 2002	Bakersfield, CA
W23188.dvf	Jul. 3, 2002	San Diego, CA
W23234.dvf	Jul. 3, 2002	San Francisco, CA
W93193.dvf	Jul. 3, 2002	Fresno, CA
Crop Scenario Files		
CAalfalfa_WirrigOP.txt	Jun. 14, 2007	Irrigated California alfalfa
CAcitrus_WirrigSTD.txt	May 29, 2007	Irrigated California citrus orchards
CAfruit_WirrigSTD.txt	May 29, 2007	Irrigated California deciduous fruit orchards
CAcotton_WirrigSTD.txt	May 29, 2007	Irrigated California cotton
CAGarlicRLF_V2.txt	Mar. 25, 2008	Irrigated California garlic
CAtomato_WirrigSTD.txt	May 29, 2007	Irrigated California tomatoes
CAonion_WirrigSTD.txt	May 29, 2007	Irrigated California onions
CARowCropRLF_V2.txt	Mar. 25, 2008	Irrigated California truck crops and beans
CAPotatoRLF_V2.txt	Mar. 25, 2008	Irrigated California potatoes
CAMelonsRLF_V2.txt	Mar. 25, 2008	Irrigated California melons
Watershed File		
Pond298.exv	Aug. 29, 2002	Watershed scenario for standard pond
Input Files for Individual Simulations		
Ox_garl_gr_Mar1 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA garlic
Ox_cele 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA celery (1 season/year)
Ox_cele 3seasons.pzr	Jan. 6, 2009	Max rate of oxamyl on CA celery (3 seasons/year)
Ox_toma 10-28.pzr	Oct. 28, 2008	Max rate of oxamyl on CA tomatoes
Ox_nb_frui_ae 10-29	Oct. 29, 2008	Max rate of oxamyl on CA non-bearing fruit
Ox_cott 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA cotton
Ox_pepp 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA peppers
Ox_citr_gr 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA citrus groves
Ox_clov 10-28.pzr	Oct. 28, 2008	Max rate of oxamyl on CA clover
Ox_onio 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA onions
Ox_pota 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA potatoes
Ox_melo 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA cucumbers, melons, pumpkin, and squash
Ox_eggp 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA eggplant
Ox_appl 10-29.pzr	Oct. 29, 2008	Max rate of oxamyl on CA apple orchards

Output File Data for Individual Simulations

Garlic Use

stored as Ox_garl_gr_Mar1 10-29.out

Chemical: Oxamyl

PRZM environment: CAGarlicRLF_V2.txt modified Wedday, 26 March 2008 at 09:32:54

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w23188.dvf modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.018	3.085	2.168	1.313	0.8801	0.2171
1962	3.482	2.704	2.055	1.198	0.8033	0.1982
1963	7.144	5.508	3.399	1.761	1.179	0.2908
1964	4.814	3.808	2.628	1.419	0.9517	0.2341
1965	5.131	3.95	2.578	1.465	0.9801	0.2418
1966	7.631	5.888	3.727	1.914	1.282	0.3163
1967	4.577	3.509	2.666	1.523	1.02	0.2516
1968	10.2	7.76	5.187	2.253	1.505	0.3703
1969	5.165	4.043	2.602	1.501	1.005	0.2479
1970	6.211	5.159	3.033	1.789	1.198	0.2954
1971	8.932	6.896	3.822	2.009	1.344	0.3316
1972	5.72	4.373	2.962	1.714	1.149	0.2826
1973	6.955	5.457	3.139	1.723	1.153	0.2843
1974	6.965	5.348	3.151	1.588	1.063	0.2622
1975	15.78	12.24	6.418	2.906	1.944	0.4795
1976	9.582	7.316	4.241	2.213	1.48	0.3639
1977	5.3	4.086	2.625	1.504	1.007	0.2483
1978	22.39	16.88	7.588	3.395	2.266	0.559
1979	9.752	7.455	4.907	2.325	1.554	0.3832
1980	4.836	3.673	2.959	1.557	1.041	0.256
1981	57.53	43.78	19.89	7.834	5.227	1.289
1982	46.48	35.44	14.93	6.252	4.177	1.03
1983	34.67	28.29	13.46	5.424	3.62	0.8928
1984	8.938	6.735	3.989	1.897	1.268	0.3119
1985	5.604	4.3	2.633	1.384	0.927	0.2287
1986	26.42	20.98	9.026	4.231	2.83	0.6981
1987	4.678	3.592	2.199	1.14	0.7631	0.1883
1988	5.424	4.494	3.002	1.538	1.03	0.2534
1989	8.606	6.596	3.993	1.945	1.3	0.3206
1990	7.689	5.917	3.883	1.851	1.238	0.3054

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	57.53	43.78	19.89	7.834	5.227	1.289
0.0645161290322581	46.48	35.44	14.93	6.252	4.177	1.03
0.0967741935483871	34.67	28.29	13.46	5.424	3.62	0.8928
0.129032258064516	26.42	20.98	9.026	4.231	2.83	0.6981
0.161290322580645	22.39	16.88	7.588	3.395	2.266	0.559
0.193548387096774	15.78	12.24	6.418	2.906	1.944	0.4795
0.225806451612903	10.2	7.76	5.187	2.325	1.554	0.3832
0.258064516129032	9.752	7.455	4.907	2.253	1.505	0.3703
0.290322580645161	9.582	7.316	4.241	2.213	1.48	0.3639
0.32258064516129	8.938	6.896	3.993	2.009	1.344	0.3316

0.354838709677419	8.932	6.735	3.989	1.945	1.3	0.3206
0.387096774193548	8.606	6.596	3.883	1.914	1.282	0.3163
0.419354838709677	7.689	5.917	3.822	1.897	1.268	0.3119
0.451612903225806	7.631	5.888	3.727	1.851	1.238	0.3054
0.483870967741936	7.144	5.508	3.399	1.789	1.198	0.2954
0.516129032258065	6.965	5.457	3.151	1.761	1.179	0.2908
0.548387096774194	6.955	5.348	3.139	1.723	1.153	0.2843
0.580645161290323	6.211	5.159	3.033	1.714	1.149	0.2826
0.612903225806452	5.72	4.494	3.002	1.588	1.063	0.2622
0.645161290322581	5.604	4.373	2.962	1.557	1.041	0.256
0.67741935483871	5.424	4.3	2.959	1.538	1.03	0.2534
0.709677419354839	5.3	4.086	2.666	1.523	1.02	0.2516
0.741935483870968	5.165	4.043	2.633	1.504	1.007	0.2483
0.774193548387097	5.131	3.95	2.628	1.501	1.005	0.2479
0.806451612903226	4.836	3.808	2.625	1.465	0.9801	0.2418
0.838709677419355	4.814	3.673	2.602	1.419	0.9517	0.2341
0.870967741935484	4.678	3.592	2.578	1.384	0.927	0.2287
0.903225806451613	4.577	3.509	2.199	1.313	0.8801	0.2171
0.935483870967742	4.018	3.085	2.168	1.198	0.8033	0.1982
0.967741935483871	3.482	2.704	2.055	1.14	0.7631	0.1883
0.1	33.845	27.559	13.0166	5.3047	3.541	0.87333
Average of yearly averages:						0.387743333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_garl_gr_Mar1 10-29

Metfile: w23188.dvf

PRZM scenario: CAGarlicRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	219	g/mol	
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Henry's Law Const.	henry		atm-m ³ /mol	
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Vapor Pressure	vapr	3.8e-7	torr	
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Solubility	sol	2.8e5	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	35	mg/L	
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Photolysis half-life	kdp	14	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	52	days	Halfife
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Hydrolysis:	pH 7	8.0	days	Half-life
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Method:	CAM	1	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	2.242	kg/ha	
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Application Efficiency:	APPEFF	0.99	fraction	
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Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
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Application Date	Date	01-03	dd/mm or dd/mm or dd-mm or dd-mmm	
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Interval 1	interval	14	days	Set to 0 or delete line for single app.
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app. rate 1	apprate		kg/ha	
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Interval 2	interval	14	days	Set to 0 or delete line for single app.
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app. rate 2	apprate	0.56	kg/ha	
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Record 17:	FILTRA			
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	IPSCND	1		
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Record 18:	UPTKF	
	PLVKRT	
	PLDKRT	
	FEXTRC	0.5
Flag for Index Res. Run	IR	EPA Pond
Flag for runoff calc.	RUNOFF	none none, monthly or total(average of entire run)

Celery Use (one season per year)

stored as Ox_cele 10-29.out

Chemical: Oxamyl

PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 09:38:52

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w23234.dvf modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	18.01	14.38	8.962	4.2	2.837	0.7001
1962	31.33	24.7	11.72	6.112	4.114	1.015
1963	38.17	32.38	17.05	7.322	4.919	1.214
1964	30.36	24.09	13.31	5.791	3.884	0.9557
1965	6.118	4.843	4.53	2.468	1.674	0.4134
1966	17.86	15.5	9.526	4.444	2.998	0.7412
1967	33.22	26.28	18.26	7.976	5.367	1.324
1968	30.11	23.85	12.97	5.773	3.903	0.9605
1969	17.12	13.84	10.87	6.841	4.591	1.133
1970	8.509	7.218	5.765	3.141	2.109	0.5204
1971	5.936	4.687	4.148	2.393	1.652	0.4079
1972	5.938	4.664	4.23	2.348	1.586	0.3903
1973	15.05	11.84	8.106	5.209	3.491	0.8612
1974	5.938	4.685	4.164	2.439	1.65	0.4071
1975	28.63	22.63	12.15	5.481	3.674	0.9065
1976	5.923	4.706	4.143	2.934	2.042	0.5029
1977	5.866	4.596	4.125	2.28	1.649	0.408
1978	11.24	9.578	6.098	3.498	2.355	0.5812
1979	27.97	22.03	10.36	5.661	3.823	0.9435
1980	5.759	4.487	4.167	2.614	1.756	0.4322
1981	14.91	12.62	9.411	4.326	2.898	0.715
1982	14.08	11.05	6.039	3.74	2.528	0.6238
1983	20.25	16.05	11.41	5.327	3.565	0.8795
1984	5.795	4.534	4.022	2.222	1.493	0.3674
1985	13.74	11.51	6.399	3.516	2.367	0.584
1986	11.52	9.256	6.685	3.76	2.527	0.6234
1987	21.23	17.94	8.705	4.679	3.153	0.7779
1988	5.865	4.577	4.254	2.418	1.626	0.4001
1989	6.26	4.963	4.253	2.379	1.602	0.3952
1990	8.967	7.089	4.703	3.105	2.098	0.5177

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	38.17	32.38	18.26	7.976	5.367	1.324
0.0645161290322581	33.22	26.28	17.05	7.322	4.919	1.214
0.0967741935483871	31.33	24.7	13.31	6.841	4.591	1.133
0.129032258064516	30.36	24.09	12.97	6.112	4.114	1.015

0.161290322580645	30.11	23.85	12.15	5.791	3.903	0.9605
0.193548387096774	28.63	22.63	11.72	5.773	3.884	0.9557
0.225806451612903	27.97	22.03	11.41	5.661	3.823	0.9435
0.258064516129032	21.23	17.94	10.87	5.481	3.674	0.9065
0.290322580645161	20.25	16.05	10.36	5.327	3.565	0.8795
0.32258064516129	18.01	15.5	9.526	5.209	3.491	0.8612
0.354838709677419	17.86	14.38	9.411	4.679	3.153	0.7779
0.387096774193548	17.12	13.84	8.962	4.444	2.998	0.7412
0.419354838709677	15.05	12.62	8.705	4.326	2.898	0.715
0.451612903225806	14.91	11.84	8.106	4.2	2.837	0.7001
0.483870967741936	14.08	11.51	6.685	3.76	2.528	0.6238
0.516129032258065	13.74	11.05	6.399	3.74	2.527	0.6234
0.548387096774194	11.52	9.578	6.098	3.516	2.367	0.584
0.580645161290323	11.24	9.256	6.039	3.498	2.355	0.5812
0.612903225806452	8.967	7.218	5.765	3.141	2.109	0.5204
0.645161290322581	8.509	7.089	4.703	3.105	2.098	0.5177
0.67741935483871	6.26	4.963	4.53	2.934	2.042	0.5029
0.709677419354839	6.118	4.843	4.254	2.614	1.756	0.4322
0.741935483870968	5.938	4.706	4.253	2.468	1.674	0.4134
0.774193548387097	5.938	4.687	4.23	2.439	1.652	0.408
0.806451612903226	5.936	4.685	4.167	2.418	1.65	0.4079
0.838709677419355	5.923	4.664	4.164	2.393	1.649	0.4071
0.870967741935484	5.866	4.596	4.148	2.379	1.626	0.4001
0.903225806451613	5.865	4.577	4.143	2.348	1.602	0.3952
0.935483870967742	5.795	4.534	4.125	2.28	1.586	0.3903
0.967741935483871	5.759	4.487	4.022	2.222	1.493	0.3674
0.1	31.233	24.639	13.276	6.7681	4.5433	1.1212
Average of yearly averages:						0.69007

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_cel 10-29

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	219	g/mol	
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Henry's Law Const.	henry		atm-m ³ /mol	
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Vapor Pressure	vapr	3.8e-7	torr	
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Solubility	sol	2.8e5	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	35	mg/L	
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Photolysis half-life	kdp	14	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	52	days	Halfife
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Hydrolysis:	pH 7	8.0	days	Half-life
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Method:	CAM	2	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	1.121	kg/ha	
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Application Efficiency:	APPEFF	0.95	fraction	
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Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
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Application Date	Date	15-01	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
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Interval 1	interval	5	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	5	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	5	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	5	days	Set to 0 or delete line for single app.
app. rate 4	apprate		kg/ha	
Interval 5	interval	5	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR		EPA Pond	
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Celery Use (three seasons per year)

stored as Ox_cele 3seasons.out

Chemical: Oxamyl

PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 08:38:52

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 15:33:30

Metfile: w23234.dvf modified Wedday, 3 July 2002 at 08:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	21.66	17.91	13.07	6.399	4.272	2.071
1962	31.34	24.71	11.72	6.129	4.158	2.285
1963	38.21	32.42	17.07	7.355	5.019	2.364
1964	30.48	24.19	13.35	5.812	3.908	1.81
1965	17.18	14.35	10.47	5.233	3.518	1.624
1966	27.43	21.93	15.92	7.685	5.128	2.393
1967	33.26	26.32	18.28	7.99	5.398	2.191
1968	30.12	23.86	12.98	5.783	3.925	1.894
1969	17.13	13.85	10.88	6.849	4.608	1.986
1970	30.75	25.02	12.26	6.294	4.202	1.89
1971	7.167	5.703	4.538	2.888	1.928	1.226
1972	23.42	19.3	11.14	5.795	4.125	1.733
1973	46.21	36.24	17.76	10.9	7.326	2.994
1974	5.954	4.7	4.192	2.597	1.743	1.185
1975	28.66	22.65	12.16	5.509	3.766	1.67
1976	24	10.74	5.889	3.536	2.387	1.411
1977	63.1	49.08	22.34	9.674	6.458	2.776
1978	11.25	9.59	6.111	3.52	2.419	1.393
1979	27.98	22.03	10.36	5.688	3.864	1.942
1980	28.24	22.23	10.12	5.485	3.666	1.731
1981	34.65	27.62	14.79	6.481	4.349	2.124
1982	49.78	39.66	20.99	9.03	6.062	2.458
1983	20.28	16.07	11.42	5.342	3.603	2.066
1984	33.65	26.24	16.6	8.383	5.846	2.131
1985	35.11	28.82	14.49	6.772	4.542	2.024

1986	11.52	9.261	6.693	3.774	2.567	1.312
1987	21.23	17.94	8.708	4.69	3.18	1.618
1988	12.95	10.97	6.222	3.62	2.426	1.317
1989	31.74	26.37	12.05	5.794	4.084	1.798
1990	8.979	7.099	4.732	3.178	2.177	1.305

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	63.1	49.08	22.34	10.9	7.326	2.994
0.0645161290322581	49.78	39.66	20.99	9.674	6.458	2.776
0.0967741935483871	46.21	36.24	18.28	9.03	6.062	2.458
0.129032258064516	38.21	32.42	17.76	8.383	5.846	2.393
0.161290322580645	35.11	28.82	17.07	7.99	5.398	2.364
0.193548387096774	34.65	27.62	16.6	7.685	5.128	2.285
0.225806451612903	33.65	26.37	15.92	7.355	5.019	2.191
0.258064516129032	33.26	26.32	14.79	6.849	4.608	2.131
0.290322580645161	31.74	26.24	14.49	6.772	4.542	2.124
0.32258064516129	31.34	25.02	13.35	6.481	4.349	2.071
0.354838709677419	30.75	24.71	13.07	6.399	4.272	2.066
0.387096774193548	30.48	24.19	12.98	6.294	4.202	2.024
0.419354838709677	30.12	23.86	12.26	6.129	4.158	1.986
0.451612903225806	28.66	22.65	12.16	5.812	4.125	1.942
0.483870967741936	28.24	22.23	12.05	5.795	4.084	1.894
0.516129032258065	27.98	22.03	11.72	5.794	3.925	1.89
0.548387096774194	27.43	21.93	11.42	5.783	3.908	1.81
0.580645161290323	24	19.3	11.14	5.688	3.864	1.798
0.612903225806452	23.42	17.94	10.88	5.509	3.766	1.733
0.645161290322581	21.66	17.91	10.47	5.485	3.666	1.731
0.67741935483871	21.23	16.07	10.36	5.342	3.603	1.67
0.709677419354839	20.28	14.35	10.12	5.233	3.518	1.624
0.741935483870968	17.18	13.85	8.708	4.69	3.18	1.618
0.774193548387097	17.13	10.97	6.693	3.774	2.567	1.411
0.806451612903226	12.95	10.74	6.222	3.62	2.426	1.393
0.838709677419355	11.52	9.59	6.111	3.536	2.419	1.317
0.870967741935484	11.25	9.261	5.889	3.52	2.387	1.312
0.903225806451613	8.979	7.099	4.732	3.178	2.177	1.305
0.935483870967742	7.167	5.703	4.538	2.888	1.928	1.226
0.967741935483871	5.954	4.7	4.192	2.597	1.743	1.185
0.1	45.41	35.858	18.228	8.9653	6.0404	2.4515
Average of yearly averages:						1.89073333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_cele 3seasons

Metfile:

w23234.dvf

PRZM scenario:

CARowCropRLF_V2.txt

EXAMS environment file:

pond298.exv

Chemical Name:

Oxamyl

Description

Variable Name	Value	Units	Comments
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Molecular weight

mwt	219	g/mol	
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Henry's Law Const.

henry		atm-m ³ /mol	
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Vapor Pressure

vapr	3.8e-7	torr	
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Solubility

sol	2.8e5	mg/L	
-----	-------	------	--

Kd

Kd		mg/L	
----	--	------	--

Koc	Koc	35	mg/L	
Photolysis half-life	kdp	14	days	Half-life
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	15-01	dd/mm or dd/mm or dd-mm or dd-mmm	
Interval 1	interval	5	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	5	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	5	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	5	days	Set to 0 or delete line for single app.
app. rate 4	apprate		kg/ha	
Interval 5	interval	5	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Interval 6	interval	120	days	Set to 0 or delete line for single app.
app. rate 6	apprate		kg/ha	
Interval 7	interval	5	days	Set to 0 or delete line for single app.
app. rate 7	apprate		kg/ha	
Interval 8	interval	5	days	Set to 0 or delete line for single app.
app. rate 8	apprate		kg/ha	
Interval 9	interval	5	days	Set to 0 or delete line for single app.
app. rate 9	apprate		kg/ha	
Interval 10	interval	5	days	Set to 0 or delete line for single app.
app. rate 10	apprate		kg/ha	
Interval 11	interval	5	days	Set to 0 or delete line for single app.
app. rate 11	apprate		kg/ha	
Interval 12	interval	120	days	Set to 0 or delete line for single app.
app. rate 12	apprate		kg/ha	
Interval 13	interval	5	days	Set to 0 or delete line for single app.
app. rate 13	apprate		kg/ha	
Interval 14	interval	5	days	Set to 0 or delete line for single app.
app. rate 14	apprate		kg/ha	
Interval 15	interval	5	days	Set to 0 or delete line for single app.
app. rate 15	apprate		kg/ha	
Interval 16	interval	5	days	Set to 0 or delete line for single app.
app. rate 16	apprate		kg/ha	
Interval 17	interval	5	days	Set to 0 or delete line for single app.
app. rate 17	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Tomato Use

stored as Ox_toma 10-28.out

Chemical: Oxamyl

PRZM environment: CAtomato_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:43:54

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.045	5.544	3.905	2.631	1.759	0.6179
1962	5.322	3.988	3.692	2.449	1.638	0.4578
1963	13.35	10.36	6.631	3.623	2.422	0.658
1964	5.945	4.408	3.751	2.503	1.676	0.5361
1965	5.208	3.904	3.629	2.417	1.617	0.4383
1966	4.962	3.655	3.402	2.264	1.513	0.4198
1967	11.2	9.624	6.522	3.587	2.397	0.6592
1968	16.94	12.84	5.461	2.397	1.602	0.755
1969	5.233	3.902	3.551	2.353	1.574	0.4661
1970	5.298	3.957	3.573	2.349	1.571	0.5047
1971	8.374	6.307	4.955	3.801	2.557	0.6366
1972	7.776	5.418	3.526	2.826	1.998	0.5187
1973	12.82	9.71	3.972	2.273	1.518	0.6186
1974	9.594	7.166	3.572	2.369	1.583	0.5875
1975	5.412	4.085	3.706	2.449	1.637	0.462
1976	5.306	3.978	3.616	2.443	1.667	0.5343
1977	6.618	5.222	4.244	2.682	1.793	0.463
1978	30.78	22.1	8.092	2.907	1.976	0.957
1979	5.098	3.775	3.458	2.294	1.533	0.3877
1980	5.171	3.853	3.632	2.421	1.619	0.4122
1981	5.239	3.882	3.586	2.408	1.608	0.4902
1982	12.44	8.976	3.6	2.387	1.6	0.6277
1983	35.09	26.27	12.02	5.436	3.629	0.9576
1984	5.15	3.773	3.378	2.214	1.48	0.4041
1985	5.026	3.689	3.442	2.295	1.534	0.4951
1986	5.107	3.769	3.441	2.275	1.519	0.4162
1987	28.21	20.36	8.69	4.432	2.963	0.7452
1988	10.63	8.817	5.921	3.37	2.252	0.6344
1989	9.883	7.777	4.889	2.861	1.912	0.5557
1990	27.28	20.08	7.832	5.074	3.45	0.8514

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	35.09	26.27	12.02	5.436	3.629	0.9576
0.0645161290322581	30.78	22.1	8.69	5.074	3.45	0.957
0.0967741935483871	28.21	20.36	8.092	4.432	2.963	0.8514
0.129032258064516	27.28	20.08	7.832	3.801	2.557	0.755
0.161290322580645	16.94	12.84	6.631	3.623	2.422	0.7452
0.193548387096774	13.35	10.36	6.522	3.587	2.397	0.6592
0.225806451612903	12.82	9.71	5.921	3.37	2.252	0.658
0.258064516129032	12.44	9.624	5.461	2.907	1.998	0.6366
0.290322580645161	11.2	8.976	4.955	2.861	1.976	0.6344
0.32258064516129	10.63	8.817	4.889	2.826	1.912	0.6277
0.354838709677419	9.883	7.777	4.244	2.682	1.793	0.6186

0.387096774193548	9.594	7.166	3.972	2.631	1.759	0.6179
0.419354838709677	8.374	6.307	3.905	2.503	1.676	0.5875
0.451612903225806	7.776	5.544	3.751	2.449	1.667	0.5557
0.483870967741936	7.045	5.418	3.706	2.449	1.638	0.5361
0.516129032258065	6.618	5.222	3.692	2.443	1.637	0.5343
0.548387096774194	5.945	4.408	3.632	2.421	1.619	0.5187
0.580645161290323	5.412	4.085	3.629	2.417	1.617	0.5047
0.612903225806452	5.322	3.988	3.616	2.408	1.608	0.4951
0.645161290322581	5.306	3.978	3.6	2.397	1.602	0.4902
0.67741935483871	5.298	3.957	3.586	2.387	1.6	0.4661
0.709677419354839	5.239	3.904	3.573	2.369	1.583	0.463
0.741935483870968	5.233	3.902	3.572	2.353	1.574	0.462
0.774193548387097	5.208	3.882	3.551	2.349	1.571	0.4578
0.806451612903226	5.171	3.853	3.526	2.295	1.534	0.4383
0.838709677419355	5.15	3.775	3.458	2.294	1.533	0.4198
0.870967741935484	5.107	3.773	3.442	2.275	1.519	0.4162
0.903225806451613	5.098	3.769	3.441	2.273	1.518	0.4122
0.935483870967742	5.026	3.689	3.402	2.264	1.513	0.4041
0.967741935483871	4.962	3.655	3.378	2.214	1.48	0.3877
0.1	28.117	20.332	8.066	4.3689	2.9224	0.84176
			Average of yearly averages:			0.575603333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_toma 10-28

Metfile:

w93193.dvf

PRZM scenario:

CAtomato_WirrigSTD.txt

EXAMS environment file:

pond298.exv

Chemical Name:

Oxamyl

Description

Variable Name

Value

Units

Comments

Molecular weight

mwt

219

g/mol

Henry's Law Const.

henry

atm-m³/mol

Vapor Pressure

vapr

3.8e-7

torr

Solubility

sol

2.8e5

mg/L

Kd

Kd

mg/L

Koc

Koc

35

mg/L

Photolysis half-life

kdp

14

days

Half-life

Aerobic Aquatic Metabolism

kbacw

6.6

days

Halfife

Anaerobic Aquatic Metabolism

kbacs

0

days

Halfife

Aerobic Soil Metabolism

asm

52

days

Halfife

Hydrolysis:

pH 7

8.0

days

Half-life

Method:

CAM

2

integer

See PRZM manual

Incorporation Depth:

DEPI

cm

Application Rate:

TAPP

1.121

kg/ha

Application Efficiency:

APPEFF

0.95

fraction

Spray Drift

DRFT

0.05

fraction of application rate applied to pond

Application Date

Date

15-04

dd/mm or dd/mm or dd-mm or dd-mmm

Interval 1

interval

5

days

Set to 0 or delete line for single app.

app. rate 1

apprate

kg/ha

Interval 2

interval

5

days

Set to 0 or delete line for single app.

app. rate 2

apprate

kg/ha

Interval 3

interval

5

days

Set to 0 or delete line for single app.

app. rate 3

apprate

kg/ha

Interval 4

interval

5

days

Set to 0 or delete line for single app.

app. rate 4	apprate		kg/ha	
Interval 5	interval	5	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Interval 6	interval	5	days	Set to 0 or delete line for single app.
app. rate 6	apprate		kg/ha	
Interval 7	interval	5	days	Set to 0 or delete line for single app.
app. rate 7	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Non-bearing Fruit Use

stored as Ox_nb_fru_i_10-29.out

Chemical: Oxamyl

PRZM environment: CAfruit_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:42:32

EXAMS environment: pond298.exv modified Thursday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wednesday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.651	3.629	2.984	2.624	1.819	0.504
1962	4.705	3.685	3.025	2.61	1.799	0.4476
1963	10.37	8.047	6.466	4.195	3.053	0.7798
1964	5.235	3.881	3.048	2.691	1.865	0.5703
1965	17.18	14	7.895	4.5	3.068	0.7873
1966	4.545	3.511	2.869	2.505	1.721	0.527
1967	12.05	9.772	5.63	4.188	2.998	0.7456
1968	4.893	3.716	3.086	2.662	1.838	0.5943
1969	21.15	16.2	8.219	4.579	3.152	0.7808
1970	9.421	7.348	4.676	3.506	2.406	0.8598
1971	24.52	20.06	9.101	5.018	3.625	0.9141
1972	4.416	3.366	2.785	2.505	1.731	0.5348
1973	5.049	3.978	3.245	2.747	1.892	0.4765
1974	4.662	3.615	2.96	2.638	1.824	0.5364
1975	4.721	3.711	3.107	2.772	1.926	0.4861
1976	5.196	3.907	3.051	2.721	1.963	0.5937
1977	4.686	3.662	3.006	2.575	1.774	0.5049
1978	8.834	6.972	5.182	3.683	2.57	0.6593
1979	4.529	3.496	2.868	2.548	1.757	0.4407
1980	4.661	3.631	3.02	2.688	1.855	0.4727
1981	5.901	4.456	3.141	2.801	2.031	0.5284
1982	8.511	6.61	4.701	3.58	2.461	0.6963
1983	9.051	6.778	3.825	3.422	2.824	0.6993
1984	4.469	3.431	2.827	2.537	1.748	0.4738
1985	4.652	3.626	2.966	2.533	1.738	0.4483
1986	17.38	13.81	5.26	3.351	2.291	0.8681
1987	5.317	4.128	3.199	2.649	2.088	0.6318
1988	21.21	16.1	9.62	5.111	3.641	0.9001

1989	15.03	11.58	6.578	4.227	3.188	0.8074
1990	8.764	6.452	3.528	2.936	2.461	0.6813

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	24.52	20.06	9.62	5.111	3.641	0.9141
0.0645161290322581	21.21	16.2	9.101	5.018	3.625	0.9001
0.0967741935483871	21.15	16.1	8.219	4.579	3.188	0.8681
0.129032258064516	17.38	14	7.895	4.5	3.152	0.8598
0.161290322580645	17.18	13.81	6.578	4.227	3.068	0.8074
0.193548387096774	15.03	11.58	6.466	4.195	3.053	0.7873
0.225806451612903	12.05	9.772	5.63	4.188	2.998	0.7808
0.258064516129032	10.37	8.047	5.26	3.683	2.824	0.7798
0.290322580645161	9.421	7.348	5.182	3.58	2.57	0.7456
0.32258064516129	9.051	6.972	4.701	3.506	2.461	0.6993
0.354838709677419	8.834	6.778	4.676	3.422	2.461	0.6963
0.387096774193548	8.764	6.61	3.825	3.351	2.406	0.6813
0.419354838709677	8.511	6.452	3.528	2.936	2.291	0.6593
0.451612903225806	5.901	4.456	3.245	2.801	2.088	0.6318
0.483870967741936	5.317	4.128	3.199	2.772	2.031	0.5943
0.516129032258065	5.235	3.978	3.141	2.747	1.963	0.5937
0.548387096774194	5.196	3.907	3.107	2.721	1.926	0.5703
0.580645161290323	5.049	3.881	3.086	2.691	1.892	0.5364
0.612903225806452	4.893	3.716	3.051	2.688	1.865	0.5348
0.645161290322581	4.721	3.711	3.048	2.662	1.855	0.5284
0.67741935483871	4.705	3.685	3.025	2.649	1.838	0.527
0.709677419354839	4.686	3.662	3.02	2.638	1.824	0.5049
0.741935483870968	4.662	3.631	3.006	2.624	1.819	0.504
0.774193548387097	4.661	3.629	2.984	2.61	1.799	0.4861
0.806451612903226	4.652	3.626	2.966	2.575	1.774	0.4765
0.838709677419355	4.651	3.615	2.96	2.548	1.757	0.4738
0.870967741935484	4.545	3.511	2.869	2.537	1.748	0.4727
0.903225806451613	4.529	3.496	2.868	2.533	1.738	0.4483
0.935483870967742	4.469	3.431	2.827	2.505	1.731	0.4476
0.967741935483871	4.416	3.366	2.785	2.505	1.721	0.4407
0.1	20.773	15.89	8.1866	4.5711	3.1844	0.86727
Average of yearly averages:						0.631683333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_nb_fru_i_ae 10-29

Metfile:	w93193.dvf				
PRZM scenario:	CAfruit_WirrigSTD.txt				
EXAMS environment file:	pond298.exv				
Chemical Name:	Oxamyl				
Description	Variable Name	Value	Units	Comments	
Molecular weight	mwt	219	g/mol		
Henry's Law Const.	henry		atm-m ³ /mol		
Vapor Pressure	vapr	3.8e-7	torr		
Solubility	sol	2.8e5	mg/L		
Kd	Kd		mg/L		
Koc	Koc	35	mg/L		
Photolysis half-life	kdp	14	days	Half-life	
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife	

Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate		kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate		kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	3		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Cotton Use

stored as Ox_cott 10-29.out

Chemical: Oxamyl

PRZM environment: CAcotton_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:42:12

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	19.45	15.31	7.537	2.889	2.441	0.6179
1962	4.066	3.07	2.106	1.169	0.7846	0.1982
1963	4.873	3.659	2.439	1.682	1.205	0.3008
1964	18.18	13.48	6.149	2.971	2.129	0.5246
1965	4.26	3.192	2.212	1.137	0.8204	0.2032
1966	4.112	3.095	2.129	0.9978	0.7723	0.1916
1967	6.219	4.814	2.135	1.036	1.077	0.2697
1968	21.95	16.63	7.304	4.129	2.852	0.7034
1969	4.041	3.096	2.119	1.03	0.7121	0.1866
1970	11.83	9.21	4.726	1.796	1.71	0.4437
1971	4.117	3.147	2.162	0.9115	0.6195	0.1577
1972	12.09	9.633	5.03	2.588	2.062	0.5105

1973	9.6	7.272	3.873	2.06	1.396	0.3455
1974	14.6	10.91	4.684	2.768	2.024	0.5038
1975	8.397	6.445	2.903	2.148	1.502	0.3725
1976	60.04	45.15	18.3	7.153	4.799	1.191
1977	4.456	3.504	2.076	1.001	0.8341	0.26
1978	4.104	3.016	2.08	0.9434	0.8203	0.2188
1979	3.881	2.877	1.954	1.142	0.9435	0.2344
1980	4.028	2.98	2.045	0.8162	0.5576	0.1381
1981	3.99	3.035	2.071	1.262	0.8636	0.219
1982	16.62	11.99	5.534	3.122	2.316	0.5728
1983	6.071	4.522	2.739	1.426	1.044	0.2584
1984	3.819	2.893	1.951	1.117	0.7865	0.1941
1985	9.999	7.496	3.448	2.638	1.968	0.4868
1986	5.133	3.858	2.447	0.9995	0.8428	0.2662
1987	4.02	2.946	2.023	0.8035	0.5439	0.1551
1988	6.716	5.237	2.295	1.289	1.107	0.2749
1989	4.941	3.705	2.372	1.293	1.017	0.2538
1990	4.204	3.121	2.165	0.8638	0.5765	0.1582

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	60.04	45.15	18.3	7.153	4.799	1.191
0.0645161290322581	21.95	16.63	7.537	4.129	2.852	0.7034
0.0967741935483871	19.45	15.31	7.304	3.122	2.441	0.6179
0.129032258064516	18.18	13.48	6.149	2.971	2.316	0.5728
0.161290322580645	16.62	11.99	5.534	2.889	2.129	0.5246
0.193548387096774	14.6	10.91	5.03	2.768	2.062	0.5105
0.225806451612903	12.09	9.633	4.726	2.638	2.024	0.5038
0.258064516129032	11.83	9.21	4.684	2.588	1.968	0.4868
0.290322580645161	9.999	7.496	3.873	2.148	1.71	0.4437
0.32258064516129	9.6	7.272	3.448	2.06	1.502	0.3725
0.354838709677419	8.397	6.445	2.903	1.796	1.396	0.3455
0.387096774193548	6.716	5.237	2.739	1.682	1.205	0.3008
0.419354838709677	6.219	4.814	2.447	1.426	1.107	0.2749
0.451612903225806	6.071	4.522	2.439	1.293	1.077	0.2697
0.483870967741936	5.133	3.858	2.372	1.289	1.044	0.2662
0.516129032258065	4.941	3.705	2.295	1.262	1.017	0.26
0.548387096774194	4.873	3.659	2.212	1.169	0.9435	0.2584
0.580645161290323	4.456	3.504	2.165	1.142	0.8636	0.2538
0.612903225806452	4.26	3.192	2.162	1.137	0.8428	0.2344
0.645161290322581	4.204	3.147	2.135	1.117	0.8341	0.219
0.67741935483871	4.117	3.121	2.129	1.036	0.8204	0.2188
0.709677419354839	4.112	3.096	2.119	1.03	0.8203	0.2032
0.741935483870968	4.104	3.095	2.106	1.001	0.7865	0.1982
0.774193548387097	4.066	3.07	2.08	0.9995	0.7846	0.1941
0.806451612903226	4.041	3.035	2.076	0.9978	0.7723	0.1916
0.838709677419355	4.028	3.016	2.071	0.9434	0.7121	0.1866
0.870967741935484	4.02	2.98	2.045	0.9115	0.6195	0.1582
0.903225806451613	3.99	2.946	2.023	0.8638	0.5765	0.1577
0.935483870967742	3.881	2.893	1.954	0.8162	0.5576	0.1551
0.967741935483871	3.819	2.877	1.951	0.8035	0.5439	0.1381
0.1	19.323	15.127	7.1885	3.1069	2.4285	0.61339
Average of yearly averages:						0.347043333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_cott 10-29

Metfile: w93193.dvf

PRZM scenario: CAcotton_WirrigSTD.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	219	g/mol	
Henry's Law Const.	henry		atm-m ³ /mol	
Vapor Pressure	vapr	3.8e-7	torr	
Solubility	sol	2.8e5	mg/L	
Kd	Kd		mg/L	
Koc	Koc	35	mg/L	
Photolysis half-life	kdp	14	days	Half-life
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	19-09	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
Interval 1	interval	6	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	6	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Pepper Use

stored as Ox_pepp 10-29.out

Chemical: Oxamyl

PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 09:38:52

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w23234.dvf modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	9.221	7.456	4.729	3.185	2.248	0.5553
1962	7.337	5.855	4.535	3.523	2.453	0.613
1963	15.74	12.36	7.287	4.477	3.119	0.7703
1964	5.712	4.486	3.543	2.422	1.638	0.4052
1965	5.515	4.328	3.482	2.513	1.722	0.4251
1966	7.933	6.142	3.592	3.023	2.163	0.5351

1967	7.428	5.831	4.139	3.408	2.421	0.598
1968	11.28	9.353	6.381	3.761	2.57	0.6326
1969	9.637	7.675	4.859	3.795	2.725	0.6738
1970	7.492	5.809	4.711	3.074	2.102	0.5187
1971	11.31	9.533	6.234	3.625	2.472	0.6103
1972	5.204	4.057	3.506	2.516	1.708	0.4207
1973	8.042	6.236	4.448	3.812	2.705	0.6684
1974	11.83	9.262	5.579	3.581	2.437	0.6015
1975	12.37	10.32	6.809	4.297	2.987	0.7376
1976	11.27	9.27	6.199	3.639	2.467	0.6071
1977	17.83	14.03	7.545	4.448	3.071	0.7583
1978	24.78	19.16	9.656	5.023	3.458	0.8536
1979	7.869	6.145	3.869	3.104	2.117	0.5229
1980	7.357	6.224	5.257	4.005	2.748	0.6767
1981	9.253	7.237	4.62	3.135	2.159	0.5332
1982	17.79	13.97	8.176	4.972	3.372	0.8321
1983	8.282	6.825	5.297	3.513	2.381	0.5875
1984	5.076	3.928	3.256	2.701	1.876	0.4622
1985	5.503	4.334	3.626	2.944	2.046	0.5052
1986	10.23	7.921	5.97	4.131	2.819	0.6958
1987	4.79	3.696	3.063	2.627	1.865	0.4608
1988	5.471	4.249	3.612	2.653	1.876	0.4622
1989	5.587	4.56	3.894	2.805	1.943	0.48
1990	9.175	7.252	4.98	3.745	2.587	0.642

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	24.78	19.16	9.656	5.023	3.458	0.8536
0.0645161290322581	17.83	14.03	8.176	4.972	3.372	0.8321
0.0967741935483871	17.79	13.97	7.545	4.477	3.119	0.7703
0.129032258064516	15.74	12.36	7.287	4.448	3.071	0.7583
0.161290322580645	12.37	10.32	6.809	4.297	2.987	0.7376
0.193548387096774	11.83	9.533	6.381	4.131	2.819	0.6958
0.225806451612903	11.31	9.353	6.234	4.005	2.748	0.6767
0.258064516129032	11.28	9.27	6.199	3.812	2.725	0.6738
0.290322580645161	11.27	9.262	5.97	3.795	2.705	0.6684
0.32258064516129	10.23	7.921	5.579	3.761	2.587	0.642
0.354838709677419	9.637	7.675	5.297	3.745	2.57	0.6326
0.387096774193548	9.253	7.456	5.257	3.639	2.472	0.613
0.419354838709677	9.221	7.252	4.98	3.625	2.467	0.6103
0.451612903225806	9.175	7.237	4.859	3.581	2.453	0.6071
0.483870967741936	8.282	6.825	4.729	3.523	2.437	0.6015
0.516129032258065	8.042	6.236	4.711	3.513	2.421	0.598
0.548387096774194	7.933	6.224	4.62	3.408	2.381	0.5875
0.580645161290323	7.869	6.145	4.535	3.185	2.248	0.5553
0.612903225806452	7.492	6.142	4.448	3.135	2.163	0.5351
0.645161290322581	7.428	5.855	4.139	3.104	2.159	0.5332
0.67741935483871	7.357	5.831	3.894	3.074	2.117	0.5229
0.709677419354839	7.337	5.809	3.869	3.023	2.102	0.5187
0.741935483870968	5.712	4.56	3.626	2.944	2.046	0.5052
0.774193548387097	5.587	4.486	3.612	2.805	1.943	0.48
0.806451612903226	5.515	4.334	3.592	2.701	1.876	0.4622
0.838709677419355	5.503	4.328	3.543	2.653	1.876	0.4622
0.870967741935484	5.471	4.249	3.506	2.627	1.865	0.4608
0.903225806451613	5.204	4.057	3.482	2.516	1.722	0.4251
0.935483870967742	5.076	3.928	3.256	2.513	1.708	0.4207

0.967741935483871	4.79	3.696	3.063	2.422	1.638	0.4052
0.1	17.585	13.809	7.5192	4.4741	3.1142	0.7691

Average of yearly averages: 0.59484

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_pepp 10-29

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	219	g/mol	
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Henry's Law Const.	henry		atm-m ³ /mol	
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Vapor Pressure	vapr	3.8e-7	torr	
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Solubility	sol	2.8e5	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	35	mg/L	
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Photolysis half-life	kdp	14	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	52	days	Halfife
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Hydrolysis:	pH 7	8.0	days	Half-life
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Method:	CAM	2	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	1.121	kg/ha	
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Application Efficiency:	APPEFF	0.95	fraction	
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Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
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Application Date	Date	15-02	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
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Interval 1	interval	7	days	Set to 0 or delete line for single app.
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app. rate 1	apprate		kg/ha	
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Interval 2	interval	7	days	Set to 0 or delete line for single app.
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app. rate 2	apprate		kg/ha	
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Interval 3	interval	7	days	Set to 0 or delete line for single app.
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app. rate 3	apprate		kg/ha	
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Interval 4	interval	7	days	Set to 0 or delete line for single app.
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app. rate 4	apprate		kg/ha	
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Interval 5	interval	7	days	Set to 0 or delete line for single app.
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app. rate 5	apprate		kg/ha	
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Record 17:	FILTRA			
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	IPSCND	1		
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	UPTKF			
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Record 18:	PLVKRT			
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	PLDKRT			
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	FEXTRC	0.5		
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Flag for Index Res. Run	IR	EPA Pond		
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Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	
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Citrus Use

stored as Ox_citr_gr 10-29.out

Chemical: Oxamyl

PRZM environment: CACitrus_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:41:26

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w23155.dvf modified Wedday, 3 July 2002 at 09:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.6472	0.4944	0.3208	0.2614	0.2547	0.06373
1962	1.792	1.417	0.7325	0.4532	0.383	0.1094
1963	13.89	10.71	4.66	2.359	1.696	0.4355
1964	0.6528	0.5078	0.3292	0.2767	0.2636	0.06706
1965	1.797	1.39	0.7964	0.5297	0.4321	0.1339
1966	1.269	0.9791	0.4183	0.2695	0.2394	0.1155
1967	0.7746	0.6077	0.439	0.3215	0.2917	0.09648
1968	1.785	1.334	0.6609	0.447	0.3726	0.09616
1969	1.132	0.8538	0.5457	0.3504	0.3058	0.07639
1970	24.37	18.67	8.125	3.037	2.025	0.5822
1971	2.943	2.173	0.874	0.474	0.406	0.1173
1972	8.86	6.029	2.005	0.8193	0.6303	0.1836
1973	0.7327	0.5641	0.4366	0.3041	0.2727	0.06982
1974	12.36	9.036	3.43	1.262	0.8826	0.3653
1975	0.7946	0.6292	0.4091	0.3027	0.2757	0.07071
1976	0.9876	0.7666	0.3322	0.2944	0.2875	0.08515
1977	8.531	5.589	1.754	0.6214	0.4799	0.2283
1978	1.417	1.075	0.6321	0.3917	0.3344	0.1012
1979	0.6406	0.4877	0.3132	0.2554	0.2393	0.06197
1980	1.537	1.234	0.6302	0.3889	0.3557	0.09044
1981	4.543	3.405	1.361	0.4973	0.3341	0.1799
1982	3.115	2.341	1.069	0.5499	0.4368	0.1132
1983	8.26	5.494	1.764	0.6255	0.4173	0.1792
1984	0.6428	0.4946	0.3182	0.2661	0.2504	0.06294
1985	2.031	1.59	0.7034	0.2659	0.2523	0.1108
1986	0.6739	0.5176	0.3298	0.2747	0.2581	0.06451
1987	8.335	6.516	2.871	1.082	0.7213	0.302
1988	0.7117	0.5665	0.3841	0.2949	0.2802	0.07067
1989	0.6581	0.4901	0.3104	0.2484	0.2464	0.07601
1990	0.6393	0.496	0.3138	0.2524	0.2437	0.06139

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	24.37	18.67	8.125	3.037	2.025	0.5822
0.0645161290322581	13.89	10.71	4.66	2.359	1.696	0.4355
0.0967741935483871	12.36	9.036	3.43	1.262	0.8826	0.3653
0.129032258064516	8.86	6.516	2.871	1.082	0.7213	0.302
0.161290322580645	8.531	6.029	2.005	0.8193	0.6303	0.2283
0.193548387096774	8.335	5.589	1.764	0.6255	0.4799	0.1836
0.225806451612903	8.26	5.494	1.754	0.6214	0.4368	0.1799
0.258064516129032	4.543	3.405	1.361	0.5499	0.4321	0.1792
0.290322580645161	3.115	2.341	1.069	0.5297	0.4173	0.1339
0.32258064516129	2.943	2.173	0.874	0.4973	0.406	0.1173
0.354838709677419	2.031	1.59	0.7964	0.474	0.383	0.1155
0.387096774193548	1.797	1.417	0.7325	0.4532	0.3726	0.1132
0.419354838709677	1.792	1.39	0.7034	0.447	0.3557	0.1108

0.451612903225806	1.785	1.334	0.6609	0.3917	0.3344	0.1094
0.483870967741936	1.537	1.234	0.6321	0.3889	0.3341	0.1012
0.516129032258065	1.417	1.075	0.6302	0.3504	0.3058	0.09648
0.548387096774194	1.269	0.9791	0.5457	0.3215	0.2917	0.09616
0.580645161290323	1.132	0.8538	0.439	0.3041	0.2875	0.09044
0.612903225806452	0.9876	0.7666	0.4366	0.3027	0.2802	0.08515
0.645161290322581	0.7946	0.6292	0.4183	0.2949	0.2757	0.07639
0.67741935483871	0.7746	0.6077	0.4091	0.2944	0.2727	0.07601
0.709677419354839	0.7327	0.5665	0.3841	0.2767	0.2636	0.07071
0.741935483870968	0.7117	0.5641	0.3322	0.2747	0.2581	0.07067
0.774193548387097	0.6739	0.5176	0.3298	0.2695	0.2547	0.06982
0.806451612903226	0.6581	0.5078	0.3292	0.2661	0.2523	0.06706
0.838709677419355	0.6528	0.496	0.3208	0.2659	0.2504	0.06451
0.870967741935484	0.6472	0.4946	0.3182	0.2614	0.2464	0.06373
0.903225806451613	0.6428	0.4944	0.3138	0.2554	0.2437	0.06294
0.935483870967742	0.6406	0.4901	0.3132	0.2524	0.2394	0.06197
0.967741935483871	0.6393	0.4877	0.3104	0.2484	0.2393	0.06139
0.1	12.01	8.784	3.3741	1.244	0.86647	0.35897
Average of yearly averages:						0.145691

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_citr_gr 10-29

Metfile: w23155.dvf

PRZM scenario: CACitrus_WirrigSTD.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	219	g/mol	
Henry's Law Const.	henry		atm-m ³ /mol	
Vapor Pressure	vapr	3.8e-7	torr	
Solubility	sol	2.8e5	mg/L	
Kd	Kd		mg/L	
Koc	Koc	35	mg/L	
Photolysis half-life	kdp	14	days	Half-life
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mm or dd-mm or dd-mmm	
Interval 1	interval	15	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	15	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	15	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	15	days	Set to 0 or delete line for single app.
app. rate 4	apprate		kg/ha	
Interval 5	interval	15	days	Set to 0 or delete line for single app.

app. rate 5	apprate	kg/ha
Record 17:	FILTRA	
	IPSCND	3
	UPTKF	
Record 18:	PLVKRT	
	PLDKRT	
	FEXTRC	0.5
Flag for Index Res. Run	IR	EPA Pond
Flag for runoff calc.	RUNOFF	none none, monthly or total(average of entire run)

Clover Use

stored as Ox_clov 10-28.out

Chemical: Oxamyl

PRZM environment: CAalfalfa_WirrigOP.txt modified Thuday, 14 June 2007 at 10:20:44

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	3.284	2.584	1.608	0.7429	0.4977	0.1244
1962	5.384	4.292	3.024	1.373	0.917	0.2263
1963	8.239	6.399	3.798	1.723	1.168	0.2882
1964	3.322	2.64	1.653	0.7727	0.5164	0.1281
1965	3.303	2.612	1.631	1.045	0.7116	0.1756
1966	3.32	2.637	1.651	0.7662	0.5116	0.1314
1967	3.31	2.622	1.639	0.8223	0.5555	0.1372
1968	4.928	3.832	1.982	1.029	0.6899	0.1701
1969	5.912	4.694	2.804	1.427	0.9544	0.2354
1970	3.277	2.574	1.626	1.006	0.6743	0.167
1971	3.319	2.635	1.649	0.7757	0.5417	0.1347
1972	3.828	3.007	2.251	0.9875	0.6592	0.168
1973	4.109	3.227	2.029	1.05	0.7027	0.1734
1974	3.308	2.62	1.637	0.7954	0.5345	0.1322
1975	3.296	2.601	1.622	0.7601	0.5081	0.1255
1976	5.446	4.657	3.246	1.405	0.9386	0.2316
1977	3.266	2.557	1.587	0.7477	0.5011	0.1251
1978	4.133	3.241	2.199	1.066	0.7143	0.1764
1979	4.087	3.227	1.95	1.078	0.7203	0.1777
1980	12.25	9.582	5.314	2.332	1.56	0.3837
1981	3.816	2.998	2.007	0.9332	0.6251	0.1542
1982	3.289	2.591	1.614	0.7841	0.5263	0.1298
1983	7.642	6.076	3.642	1.655	1.106	0.2727
1984	4.109	3.234	2.144	0.9694	0.6473	0.1607
1985	3.868	3.039	2.049	0.9283	0.6199	0.1537
1986	7.842	6.626	3.689	1.667	1.114	0.2747
1987	3.991	3.128	1.832	0.9386	0.6282	0.1553
1988	3.28	2.578	1.604	0.821	0.5717	0.1415
1989	3.434	2.721	1.804	1.019	0.6862	0.1696
1990	3.963	3.143	2.365	1.05	0.7055	0.1754

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	12.25	9.582	5.314	2.332	1.56	0.3837

0.0645161290322581	8.239	6.626	3.798	1.723	1.168	0.2882
0.0967741935483871	7.842	6.399	3.689	1.667	1.114	0.2747
0.129032258064516	7.642	6.076	3.642	1.655	1.106	0.2727
0.161290322580645	5.912	4.694	3.246	1.427	0.9544	0.2354
0.193548387096774	5.446	4.657	3.024	1.405	0.9386	0.2316
0.225806451612903	5.384	4.292	2.804	1.373	0.917	0.2263
0.258064516129032	4.928	3.832	2.365	1.078	0.7203	0.1777
0.290322580645161	4.133	3.241	2.251	1.066	0.7143	0.1764
0.32258064516129	4.109	3.234	2.199	1.05	0.7116	0.1756
0.354838709677419	4.109	3.227	2.144	1.05	0.7055	0.1754
0.387096774193548	4.087	3.227	2.049	1.045	0.7027	0.1734
0.419354838709677	3.991	3.143	2.029	1.029	0.6899	0.1701
0.451612903225806	3.963	3.128	2.007	1.019	0.6862	0.1696
0.483870967741936	3.868	3.039	1.982	1.006	0.6743	0.168
0.516129032258065	3.828	3.007	1.95	0.9875	0.6592	0.167
0.548387096774194	3.816	2.998	1.832	0.9694	0.6473	0.1607
0.580645161290323	3.434	2.721	1.804	0.9386	0.6282	0.1553
0.612903225806452	3.322	2.64	1.653	0.9332	0.6251	0.1542
0.645161290322581	3.32	2.637	1.651	0.9283	0.6199	0.1537
0.67741935483871	3.319	2.635	1.649	0.8223	0.5717	0.1415
0.709677419354839	3.31	2.622	1.639	0.821	0.5555	0.1372
0.741935483870968	3.308	2.62	1.637	0.7954	0.5417	0.1347
0.774193548387097	3.303	2.612	1.631	0.7841	0.5345	0.1322
0.806451612903226	3.296	2.601	1.626	0.7757	0.5263	0.1314
0.838709677419355	3.289	2.591	1.622	0.7727	0.5164	0.1298
0.870967741935484	3.284	2.584	1.614	0.7662	0.5116	0.1281
0.903225806451613	3.28	2.578	1.608	0.7601	0.5081	0.1255
0.935483870967742	3.277	2.574	1.604	0.7477	0.5011	0.1251
0.967741935483871	3.266	2.557	1.587	0.7429	0.4977	0.1244
0.1	7.822	6.3667	3.6843	1.6658	1.1132	0.2745
						Average of yearly averages:
0.179986666666667						

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_clov 10-28

Metfile:

w93193.dvf

PRZM scenario:

CAalfalfa_WirrigOP.txt

EXAMS environment file:

pond298.exv

Chemical Name:

Oxamyl

Description

Variable Name

Value

Units

Comments

Molecular weight

mwt

219

g/mol

Henry's Law Const.

henry

atm-m³/mol

Vapor Pressure

vapr

3.8e-7

torr

Solubility

sol

2.8e5

mg/L

Kd

Kd

mg/L

Koc

Koc

35

mg/L

Photolysis half-life

kdp

14

days

Half-life

Aerobic Aquatic Metabolism

kbacw

6.6

days

Halfife

Anaerobic Aquatic Metabolism

kbacs

0

days

Halfife

Aerobic Soil Metabolism

asm

52

days

Halfife

Hydrolysis:

pH 7

8.0

days

Half-life

Method:

CAM

2

integer

See PRZM manual

Incorporation Depth:

DEPI

cm

Application Rate:	TAPP	1.121	kg/ha
Application Efficiency:	APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond
Application Date	Date	01-02	dd/mm or dd/mm or dd-mm or dd-mmm
Interval 1	interval	14	days Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha
Record 17:	FILTRA		
	IPSCND	1	
	UPTKF		
Record 18:	PLVKRT		
	PLDKRT		
	FEXTRC	0.5	
Flag for Index Res. Run	IR	EPA Pond	
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)

Onion Use

stored as Ox_onio 10-29.out

Chemical: Oxamyl

PRZM environment: CAonion_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:43:34

EXAMS environment: pond298.exv modified Thursday, 29 August 2002 at 16:33:30

Metfile: w23155.dvf modified Wednesday, 3 July 2002 at 09:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.564	3.562	2.82	1.603	1.073	0.2646
1962	7.763	6.534	5.294	2.723	1.822	0.4494
1963	8.055	6.554	4.237	2.15	1.439	0.355
1964	4.643	3.653	2.895	1.647	1.103	0.2713
1965	4.665	3.678	2.915	1.692	1.133	0.2795
1966	4.857	3.843	3.259	1.81	1.21	0.2985
1967	4.69	3.706	2.939	1.666	1.116	0.2753
1968	4.423	3.402	2.685	1.622	1.086	0.2672
1969	5.561	4.533	3.321	1.894	1.268	0.3128
1970	5.354	4.156	3.42	1.805	1.207	0.2977
1971	4.671	3.684	2.921	1.656	1.108	0.2733
1972	4.543	3.538	2.8	1.556	1.04	0.2558
1973	4.461	3.446	2.722	1.568	1.05	0.2591
1974	4.598	3.601	2.852	1.729	1.158	0.2857
1975	4.596	3.584	2.899	1.649	1.104	0.2722
1976	4.616	3.584	2.986	1.673	1.119	0.2753
1977	4.478	3.465	2.738	1.566	1.048	0.2585
1978	21.6	17.37	9.147	3.929	2.625	0.6474
1979	4.762	3.739	2.922	1.643	1.099	0.2711
1980	5.776	4.596	3.355	1.867	1.25	0.3075
1981	4.542	3.538	2.801	1.591	1.066	0.2628
1982	4.781	3.711	3.051	1.692	1.133	0.2795
1983	4.562	3.56	2.818	1.683	1.127	0.2781
1984	4.652	3.663	2.903	1.641	1.098	0.2701
1985	4.614	3.619	2.867	1.637	1.096	0.2702
1986	4.56	3.554	2.817	1.675	1.122	0.2768
1987	4.628	3.636	2.881	1.63	1.09	0.2689
1988	4.559	3.557	2.815	1.596	1.068	0.2627
1989	4.785	3.773	3.158	1.782	1.191	0.2938

1990	4.704	3.721	2.952	1.658	1.109	0.2735
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Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	21.6	17.37	9.147	3.929	2.625	0.6474
0.0645161290322581	8.055	6.554	5.294	2.723	1.822	0.4494
0.0967741935483871	7.763	6.534	4.237	2.15	1.439	0.355
0.129032258064516	5.776	4.596	3.42	1.894	1.268	0.3128
0.161290322580645	5.561	4.533	3.355	1.867	1.25	0.3075
0.193548387096774	5.354	4.156	3.321	1.81	1.21	0.2985
0.225806451612903	4.857	3.843	3.259	1.805	1.207	0.2977
0.258064516129032	4.785	3.773	3.158	1.782	1.191	0.2938
0.290322580645161	4.781	3.739	3.051	1.729	1.158	0.2857
0.32258064516129	4.762	3.721	2.986	1.692	1.133	0.2795
0.354838709677419	4.704	3.711	2.952	1.692	1.133	0.2795
0.387096774193548	4.69	3.706	2.939	1.683	1.127	0.2781
0.419354838709677	4.671	3.684	2.922	1.675	1.122	0.2768
0.451612903225806	4.665	3.678	2.921	1.673	1.119	0.2753
0.483870967741936	4.652	3.663	2.915	1.666	1.116	0.2753
0.516129032258065	4.643	3.653	2.903	1.658	1.109	0.2735
0.548387096774194	4.628	3.636	2.899	1.656	1.108	0.2733
0.580645161290323	4.616	3.619	2.895	1.649	1.104	0.2722
0.612903225806452	4.614	3.601	2.881	1.647	1.103	0.2713
0.645161290322581	4.598	3.584	2.867	1.643	1.099	0.2711
0.67741935483871	4.596	3.584	2.852	1.641	1.098	0.2702
0.709677419354839	4.564	3.562	2.82	1.637	1.096	0.2701
0.741935483870968	4.562	3.56	2.818	1.63	1.09	0.2689
0.774193548387097	4.56	3.557	2.817	1.622	1.086	0.2672
0.806451612903226	4.559	3.554	2.815	1.603	1.073	0.2646
0.838709677419355	4.543	3.538	2.801	1.596	1.068	0.2628
0.870967741935484	4.542	3.538	2.8	1.591	1.066	0.2627
0.903225806451613	4.478	3.465	2.738	1.568	1.05	0.2591
0.935483870967742	4.461	3.446	2.722	1.566	1.048	0.2585
0.967741935483871	4.423	3.402	2.685	1.556	1.04	0.2558

0.1	7.5643	6.3402	4.1553	2.1244	1.4219	0.35078
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Average of yearly averages: 0.29712

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_onio 10-29

Metfile:	w23155.dvf			
PRZM scenario:	CAonion_WirrigSTD.txt			
EXAMS environment file:	pond298.exv			
Chemical Name:	Oxamyl			
Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	219	g/mol	
Henry's Law Const.	henry		atm-m ³ /mol	
Vapor Pressure	vapr	3.8e-7	torr	
Solubility	sol	2.8e5	mg/L	
Kd	Kd		mg/L	
Koc	Koc	35	mg/L	
Photolysis half-life	kdp	14	days	Half-life
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife

Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-02	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.56	kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Potato Use

stored as Ox_pota 10-29.out

Chemical: Oxamyl

PRZM environment: CAPotatoRLF_V2.txt modified Wedday, 26 March 2008 at 09:37:30

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w23155.dvf modified Wedday, 3 July 2002 at 09:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	5.714	4.397	4.104	2.68	1.796	0.4431
1962	5.824	4.508	4.192	2.706	1.812	0.4471
1963	5.721	4.43	4.14	2.778	1.868	0.4607
1964	5.742	4.426	4.139	2.722	1.826	0.4492
1965	14.53	11.24	7.136	4.002	2.682	0.6615
1966	5.604	4.285	3.993	2.592	1.735	0.4281
1967	5.806	4.561	4.148	2.827	1.906	0.4703
1968	5.928	4.778	4.205	2.858	1.915	0.471
1969	5.671	4.353	4.076	2.687	1.801	0.4442
1970	5.531	4.232	3.957	2.643	1.773	0.4373
1971	5.578	4.259	3.992	2.648	1.777	0.4383
1972	5.311	4.004	3.744	2.494	1.672	0.4112
1973	6.448	5.03	4.476	2.898	1.944	0.4796
1974	6.134	4.701	4.279	2.83	1.897	0.4678
1975	5.63	4.338	4.053	2.805	1.887	0.4655
1976	5.619	4.302	4.032	2.685	1.801	0.443
1977	6.321	4.924	4.327	2.737	1.833	0.452
1978	5.461	4.602	3.907	2.668	1.791	0.4417
1979	5.606	4.298	4.028	2.643	1.771	0.4368

1980	7.401	5.753	4.838	3.111	2.085	0.5129
1981	12.9	9.966	6.106	3.481	2.332	0.5753
1982	6.002	4.648	4.316	2.747	1.84	0.4539
1983	6.182	4.798	4.401	3.289	2.219	0.5473
1984	5.674	4.353	4.053	2.748	1.851	0.4553
1985	5.8	4.484	4.169	2.689	1.801	0.4443
1986	5.685	4.366	4.114	2.759	1.851	0.4564
1987	5.656	4.338	4.036	2.608	1.746	0.4307
1988	5.551	4.231	3.962	2.628	1.763	0.4337
1989	5.498	4.177	3.891	2.525	1.69	0.4169
1990	5.559	4.239	3.956	2.579	1.728	0.4262

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	14.53	11.24	7.136	4.002	2.682	0.6615
0.0645161290322581	12.9	9.966	6.106	3.481	2.332	0.5753
0.0967741935483871	7.401	5.753	4.838	3.289	2.219	0.5473
0.129032258064516	6.448	5.03	4.476	3.111	2.085	0.5129
0.161290322580645	6.321	4.924	4.401	2.898	1.944	0.4796
0.193548387096774	6.182	4.798	4.327	2.858	1.915	0.471
0.225806451612903	6.134	4.778	4.316	2.83	1.906	0.4703
0.258064516129032	6.002	4.701	4.279	2.827	1.897	0.4678
0.290322580645161	5.928	4.648	4.205	2.805	1.887	0.4655
0.32258064516129	5.824	4.602	4.192	2.778	1.868	0.4607
0.354838709677419	5.806	4.561	4.169	2.759	1.851	0.4564
0.387096774193548	5.8	4.508	4.148	2.748	1.851	0.4553
0.419354838709677	5.742	4.484	4.14	2.747	1.84	0.4539
0.451612903225806	5.721	4.43	4.139	2.737	1.833	0.452
0.483870967741936	5.714	4.426	4.114	2.722	1.826	0.4492
0.516129032258065	5.685	4.397	4.104	2.706	1.812	0.4471
0.548387096774194	5.674	4.366	4.076	2.689	1.801	0.4443
0.580645161290323	5.671	4.353	4.053	2.687	1.801	0.4442
0.612903225806452	5.656	4.353	4.053	2.685	1.801	0.4431
0.645161290322581	5.63	4.338	4.036	2.68	1.796	0.443
0.67741935483871	5.619	4.338	4.032	2.668	1.791	0.4417
0.709677419354839	5.606	4.302	4.028	2.648	1.777	0.4383
0.741935483870968	5.604	4.298	3.993	2.643	1.773	0.4373
0.774193548387097	5.578	4.285	3.992	2.643	1.771	0.4368
0.806451612903226	5.559	4.259	3.962	2.628	1.763	0.4337
0.838709677419355	5.551	4.239	3.957	2.608	1.746	0.4307
0.870967741935484	5.531	4.232	3.956	2.592	1.735	0.4281
0.903225806451613	5.498	4.231	3.907	2.579	1.728	0.4262
0.935483870967742	5.461	4.177	3.891	2.525	1.69	0.4169
0.967741935483871	5.311	4.004	3.744	2.494	1.672	0.4112
0.1	7.3057	5.6807	4.8018	3.2712	2.2056	0.54386
Average of yearly averages:						0.463376666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_pota 10-29

Metfile:

w23155.dvf

PRZM scenario:

CAPotatoRLF_V2.txt

EXAMS environment file:

pond298.exv

Chemical Name:

Oxamyl

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	219	g/mol	
Henry's Law Const.	henry		atm-m ³ /mol	
Vapor Pressure	vapr	3.8e-7	torr	
Solubility	sol	2.8e5	mg/L	
Kd	Kd		mg/L	
Koc	Koc	35	mg/L	
Photolysis half-life	kdp	14	days	Half-life
Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	52	days	Halfife
Hydrolysis:	pH 7	8.0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.121	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mm or dd-mm or dd-mmm	
Interval 1	interval	5	days	Set to 0 or delete line for single app.
app. rate 1	apprate		kg/ha	
Interval 2	interval	5	days	Set to 0 or delete line for single app.
app. rate 2	apprate		kg/ha	
Interval 3	interval	5	days	Set to 0 or delete line for single app.
app. rate 3	apprate		kg/ha	
Interval 4	interval	5	days	Set to 0 or delete line for single app.
app. rate 4	apprate		kg/ha	
Interval 5	interval	5	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Interval 6	interval	5	days	Set to 0 or delete line for single app.
app. rate 6	apprate		kg/ha	
Interval 7	interval	5	days	Set to 0 or delete line for single app.
app. rate 7	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Cucumbers, Melons, Pumpkin, Squash Uses

stored as Ox_melo 10-29.out

Chemical: Oxamyl

PRZM environment: CAMelonsRLF_V2.txt modified Wedday, 26 March 2008 at 09:33:26

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.757	3.744	1.888	1.14	0.967	0.3582
1962	3.129	2.311	1.382	1.169	0.9947	0.2718
1963	3.105	2.286	1.379	1.199	1.03	0.2925

1964	3.125	2.311	1.393	1.201	1.018	0.2815
1965	3.158	2.305	1.411	1.215	1.033	0.2665
1966	3.125	2.199	1.306	1.136	0.982	0.2631
1967	3.086	2.255	1.351	1.16	0.9706	0.282
1968	9.834	7.452	3.129	1.211	0.9663	0.4376
1969	3.067	2.223	1.361	1.175	0.9979	0.2836
1970	3.124	2.197	1.309	1.125	0.9512	0.2795
1971	3.268	2.428	1.45	1.203	1.01	0.2568
1972	3.186	2.215	1.402	1.161	0.9855	0.2601
1973	5.935	4.495	1.839	1.094	0.9456	0.3461
1974	3.6	2.689	1.31	1.129	0.9657	0.3113
1975	3.08	2.242	1.329	1.162	1.006	0.2651
1976	3.081	2.232	1.358	1.175	1.01	0.294
1977	3.142	2.315	1.385	1.137	0.9654	0.2499
1978	17.94	12.88	4.717	1.86	1.552	0.5191
1979	3.093	2.19	1.284	1.109	0.9473	0.2363
1980	3.153	2.284	1.384	1.182	0.9878	0.2489
1981	3.062	2.185	1.277	1.049	0.8923	0.2603
1982	6.83	4.926	1.882	1.178	1	0.369
1983	3.116	2.223	1.317	1.145	0.9861	0.2775
1984	3.089	2.147	1.26	1.075	0.897	0.2394
1985	3.071	2.212	1.297	1.059	0.8938	0.2702
1986	3.048	2.177	1.269	1.079	0.924	0.2394
1987	3.047	2.178	1.271	1.106	0.9721	0.2469
1988	3.103	2.274	1.352	1.145	0.9513	0.2868
1989	3.544	2.529	1.311	1.121	0.9509	0.2905
1990	3.231	2.351	1.372	1.144	0.9595	0.2373

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	17.94	12.88	4.717	1.86	1.552	0.5191
0.0645161290322581	9.834	7.452	3.129	1.215	1.033	0.4376
0.0967741935483871	6.83	4.926	1.888	1.211	1.03	0.369
0.129032258064516	5.935	4.495	1.882	1.203	1.018	0.3582
0.161290322580645	4.757	3.744	1.839	1.201	1.01	0.3461
0.193548387096774	3.6	2.689	1.45	1.199	1.01	0.3113
0.225806451612903	3.544	2.529	1.411	1.182	1.006	0.294
0.258064516129032	3.268	2.428	1.402	1.178	1	0.2925
0.290322580645161	3.231	2.351	1.393	1.175	0.9979	0.2905
0.32258064516129	3.186	2.315	1.385	1.175	0.9947	0.2868
0.354838709677419	3.158	2.311	1.384	1.169	0.9878	0.2836
0.387096774193548	3.153	2.311	1.382	1.162	0.9861	0.282
0.419354838709677	3.142	2.305	1.379	1.161	0.9855	0.2815
0.451612903225806	3.129	2.286	1.372	1.16	0.982	0.2795
0.483870967741936	3.125	2.284	1.361	1.145	0.9721	0.2775
0.516129032258065	3.125	2.274	1.358	1.145	0.9706	0.2718
0.548387096774194	3.124	2.255	1.352	1.144	0.967	0.2702
0.580645161290323	3.116	2.242	1.351	1.14	0.9663	0.2665
0.612903225806452	3.105	2.232	1.329	1.137	0.9657	0.2651
0.645161290322581	3.103	2.223	1.317	1.136	0.9654	0.2631
0.67741935483871	3.093	2.223	1.311	1.129	0.9595	0.2603
0.709677419354839	3.089	2.215	1.31	1.125	0.9513	0.2601
0.741935483870968	3.086	2.212	1.309	1.121	0.9512	0.2568
0.774193548387097	3.081	2.199	1.306	1.109	0.9509	0.2499
0.806451612903226	3.08	2.197	1.297	1.106	0.9473	0.2489
0.838709677419355	3.071	2.19	1.284	1.094	0.9456	0.2469

0.870967741935484	3.067	2.185	1.277	1.079	0.924	0.2394
0.903225806451613	3.062	2.178	1.271	1.075	0.897	0.2394
0.935483870967742	3.048	2.177	1.269	1.059	0.8938	0.2373
0.967741935483871	3.047	2.147	1.26	1.049	0.8923	0.2363
0.1	6.7405	4.8829	1.8874	1.2102	1.0288	0.36792
					Average of yearly averages:	
	0.290706666666667					

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_melo 10-29

Metfile: w93193.dvf

PRZM scenario: CAMelonsRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	219	g/mol	
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Henry's Law Const.	henry		atm-m ³ /mol	
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Vapor Pressure	vapr	3.8e-7	torr	
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Solubility	sol	2.8e5	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	35	mg/L	
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Photolysis half-life	kdp	14	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	52	days	Halfife
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Hydrolysis:	pH 7	8.0	days	Half-life
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Method:	CAM	2	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	1.121	kg/ha	
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Application Efficiency:	APPEFF	0.95	fraction	
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Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
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Application Date	Date	16-05	dd/mm or dd/mm or dd-mm or dd-mmm	
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Interval 1	interval	14	days	Set to 0 or delete line for single app.
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app. rate 1	apprate		kg/ha	
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Interval 2	interval	14	days	Set to 0 or delete line for single app.
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app. rate 2	apprate		kg/ha	
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Interval 3	interval	14	days	Set to 0 or delete line for single app.
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app. rate 3	apprate		kg/ha	
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Interval 4	interval	14	days	Set to 0 or delete line for single app.
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app. rate 4	apprate		kg/ha	
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Interval 5	interval	14	days	Set to 0 or delete line for single app.
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app. rate 5	apprate		kg/ha	
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Record 17:	FILTRA			
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	IPSCND	1		
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	UPTKF			
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Record 18:	PLVKRT			
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	PLDKRT			
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	FEXTRC	0.5		
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Flag for Index Res. Run	IR	EPA Pond		
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Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	
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Eggplant Use

stored as Ox_eggp 10-29.out

Chemical: Oxamyl

PRZM environment: CAMelonsRLF_V2.txt modified Wedday, 26 March 2008 at 09:33:26

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.482	1.954	0.9853	0.3779	0.252	0.1137
1962	0.8172	0.6035	0.4641	0.3218	0.2149	0.06675
1963	0.8315	0.6152	0.4702	0.3328	0.2224	0.07501
1964	0.8512	0.6393	0.4868	0.3381	0.2258	0.07133
1965	0.8828	0.6596	0.501	0.344	0.2299	0.0626
1966	0.8807	0.6171	0.4585	0.3179	0.2123	0.06286
1967	1.004	0.7771	0.4661	0.3238	0.2161	0.07535
1968	5.265	3.989	1.675	0.6481	0.4325	0.1589
1969	0.8386	0.6578	0.4789	0.3297	0.2202	0.07367
1970	0.9334	0.7302	0.4582	0.3158	0.2109	0.07517
1971	1.523	1.268	0.7785	0.4366	0.2915	0.0755
1972	3.279	2.279	1.048	0.5274	0.352	0.09398
1973	3.178	2.407	0.9848	0.3647	0.2434	0.1096
1974	1.928	1.44	0.6181	0.3185	0.2127	0.09123
1975	0.8313	0.588	0.4593	0.32	0.2138	0.06135
1976	1.006	0.7589	0.5025	0.3383	0.226	0.07627
1977	0.8235	0.6066	0.4561	0.3106	0.2073	0.05699
1978	9.604	6.897	2.525	0.9072	0.6103	0.2032
1979	0.8518	0.6126	0.448	0.3104	0.2072	0.0522
1980	0.9012	0.6456	0.4976	0.3416	0.228	0.05896
1981	0.9179	0.6982	0.4207	0.2915	0.1945	0.06924
1982	2.851	2.057	0.7858	0.3309	0.221	0.1053
1983	0.981	0.7021	0.4674	0.3234	0.216	0.07127
1984	0.8527	0.5932	0.4464	0.3046	0.2033	0.05954
1985	0.9765	0.7039	0.432	0.2947	0.1966	0.07351
1986	0.7954	0.5538	0.422	0.2968	0.1981	0.05478
1987	0.7749	0.5539	0.4229	0.2961	0.1978	0.0522
1988	1.278	1.017	0.4544	0.3171	0.2116	0.08003
1989	1.897	1.354	0.4929	0.3092	0.2064	0.08055
1990	2.114	1.796	0.9118	0.476	0.3176	0.07836

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	9.604	6.897	2.525	0.9072	0.6103	0.2032
0.0645161290322581	5.265	3.989	1.675	0.6481	0.4325	0.1589
0.0967741935483871	3.279	2.407	1.048	0.5274	0.352	0.1137
0.129032258064516	3.178	2.279	0.9853	0.476	0.3176	0.1096
0.161290322580645	2.851	2.057	0.9848	0.4366	0.2915	0.1053
0.193548387096774	2.482	1.954	0.9118	0.3779	0.252	0.09398
0.225806451612903	2.114	1.796	0.7858	0.3647	0.2434	0.09123
0.258064516129032	1.928	1.44	0.7785	0.344	0.2299	0.08055
0.290322580645161	1.897	1.354	0.6181	0.3416	0.228	0.08003
0.32258064516129	1.523	1.268	0.5025	0.3383	0.226	0.07836
0.354838709677419	1.278	1.017	0.501	0.3381	0.2258	0.07627
0.387096774193548	1.006	0.7771	0.4976	0.3328	0.2224	0.0755

0.419354838709677	1.004	0.7589	0.4929	0.3309	0.221	0.07535
0.451612903225806	0.981	0.7302	0.4868	0.3297	0.2202	0.07517
0.483870967741936	0.9765	0.7039	0.4789	0.3238	0.2161	0.07501
0.516129032258065	0.9334	0.7021	0.4702	0.3234	0.216	0.07367
0.548387096774194	0.9179	0.6982	0.4674	0.3218	0.2149	0.07351
0.580645161290323	0.9012	0.6596	0.4661	0.32	0.2138	0.07133
0.612903225806452	0.8828	0.6578	0.4641	0.3185	0.2127	0.07127
0.645161290322581	0.8807	0.6456	0.4593	0.3179	0.2123	0.06924
0.67741935483871	0.8527	0.6393	0.4585	0.3171	0.2116	0.06675
0.709677419354839	0.8518	0.6171	0.4582	0.3158	0.2109	0.06286
0.741935483870968	0.8512	0.6152	0.4561	0.3106	0.2073	0.0626
0.774193548387097	0.8386	0.6126	0.4544	0.3104	0.2072	0.06135
0.806451612903226	0.8315	0.6066	0.448	0.3092	0.2064	0.05954
0.838709677419355	0.8313	0.6035	0.4464	0.3046	0.2033	0.05896
0.870967741935484	0.8235	0.5932	0.432	0.2968	0.1981	0.05699
0.903225806451613	0.8172	0.588	0.4229	0.2961	0.1978	0.05478
0.935483870967742	0.7954	0.5539	0.422	0.2947	0.1966	0.0522
0.967741935483871	0.7749	0.5538	0.4207	0.2915	0.1945	0.0522
0.1	3.2689	2.3942	1.04173	0.52226	0.34856	0.11329
Average of yearly averages:						0.0813133333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_eggp 10-29

Metfile: w93193.dvf

PRZM scenario: CAMelonsRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: Oxamyl

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	219	g/mol	
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Henry's Law Const.	henry		atm-m ³ /mol	
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Vapor Pressure	vapr	3.8e-7	torr	
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Solubility	sol	2.8e5	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	35	mg/L	
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Photolysis half-life	kdp	14	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	6.6	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	52	days	Halfife
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Hydrolysis:	pH 7	8.0	days	Half-life
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Method:	CAM	2	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	1.121	kg/ha	
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Application Efficiency:	APPEFF	0.99	fraction	
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Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
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Application Date	Date	16-05	dd/mm or dd/mm or dd-mm or dd-mmm	
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Interval 1	interval	7	days	Set to 0 or delete line for single app.
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app. rate 1	apprate		kg/ha	
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Interval 2	interval	7	days	Set to 0 or delete line for single app.
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app. rate 2	apprate		kg/ha	
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Interval 3	interval	7	days	Set to 0 or delete line for single app.
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app. rate 3	apprate		kg/ha	
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Interval 4	interval	7	days	Set to 0 or delete line for single app.
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app. rate 4	apprate		kg/ha	
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Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate		kg/ha	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none	monthly or total(average of entire run)

Apple Use

stored as Ox_appl 10-29.out

Chemical: Oxamyl

PRZM environment: CAfruit_WirrigSTD.txt modified Tuesday, 29 May 2007 at 12:42:32

EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30

Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	1.121	0.8454	0.6542	0.2778	0.1852	0.06667
1962	1.121	0.8392	0.3346	0.1219	0.08128	0.02223
1963	1.121	0.8311	0.3963	0.1527	0.1021	0.0546
1964	2.986	2.214	1.009	0.3868	0.2584	0.08344
1965	1.184	0.9229	0.417	0.1655	0.1103	0.04654
1966	1.268	1.07	0.5275	0.2011	0.1341	0.0518
1967	1.121	0.8242	0.3163	0.1145	0.07635	0.02784
1968	2.27	1.782	0.8038	0.4336	0.2954	0.09171
1969	1.121	0.8156	0.3067	0.1106	0.07374	0.02031
1970	3.173	2.483	1.21	0.522	0.348	0.1267
1971	1.122	0.8444	0.3411	0.1756	0.1174	0.03522
1972	1.297	1.093	0.5646	0.2166	0.1444	0.05944
1973	1.121	0.8055	0.2953	0.106	0.07067	0.02229
1974	2.404	1.796	0.7709	0.3243	0.2169	0.07469
1975	1.121	0.8222	0.3145	0.1137	0.0758	0.02548
1976	2.888	2.172	0.8747	0.3453	0.2326	0.09336
1977	1.405	1.105	0.4751	0.1663	0.1108	0.04801
1978	1.89	1.357	0.4969	0.1785	0.1552	0.06555
1979	1.121	0.8121	0.3024	0.1088	0.07256	0.0225
1980	1.121	0.8312	0.3247	0.1179	0.0786	0.02692
1981	1.121	0.8152	0.3077	0.1246	0.08322	0.03864
1982	2.801	2.02	0.7719	0.3646	0.2535	0.09847
1983	1.121	0.8186	0.3098	0.1118	0.07454	0.03686
1984	1.121	0.7927	0.2819	0.1008	0.0672	0.03242
1985	1.121	0.8195	0.3106	0.1122	0.07482	0.02639
1986	9.125	7.249	2.761	0.9663	0.6442	0.1767
1987	2.152	1.874	0.9273	0.3562	0.238	0.1044
1988	1.121	0.8311	0.3244	0.118	0.07874	0.03238
1989	2.529	1.85	0.8775	0.3357	0.2239	0.06669
1990	8.735	6.429	2.307	0.9345	0.6242	0.1607

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
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0.032258064516129	9.125	7.249	2.761	0.9663	0.6442	0.1767
0.0645161290322581	8.735	6.429	2.307	0.9345	0.6242	0.1607
0.0967741935483871	3.173	2.483	1.21	0.522	0.348	0.1267
0.129032258064516	2.986	2.214	1.009	0.4336	0.2954	0.1044
0.161290322580645	2.888	2.172	0.9273	0.3868	0.2584	0.09847
0.193548387096774	2.801	2.02	0.8775	0.3646	0.2535	0.09336
0.225806451612903	2.529	1.874	0.8747	0.3562	0.238	0.09171
0.258064516129032	2.404	1.85	0.8038	0.3453	0.2326	0.08344
0.290322580645161	2.27	1.796	0.7719	0.3357	0.2239	0.07469
0.32258064516129	2.152	1.782	0.7709	0.3243	0.2169	0.06669
0.354838709677419	1.89	1.357	0.6542	0.2778	0.1852	0.06667
0.387096774193548	1.405	1.105	0.5646	0.2166	0.1552	0.06555
0.419354838709677	1.297	1.093	0.5275	0.2011	0.1444	0.05944
0.451612903225806	1.268	1.07	0.4969	0.1785	0.1341	0.0546
0.483870967741936	1.184	0.9229	0.4751	0.1756	0.1174	0.0518
0.516129032258065	1.122	0.8454	0.417	0.1663	0.1108	0.04801
0.548387096774194	1.121	0.8444	0.3963	0.1655	0.1103	0.04654
0.580645161290323	1.121	0.8392	0.3411	0.1527	0.1021	0.03864
0.612903225806452	1.121	0.8312	0.3346	0.1246	0.08322	0.03686
0.645161290322581	1.121	0.8311	0.3247	0.1219	0.08128	0.03522
0.67741935483871	1.121	0.8311	0.3244	0.118	0.07874	0.03242
0.709677419354839	1.121	0.8242	0.3163	0.1179	0.0786	0.03238
0.741935483870968	1.121	0.8222	0.3145	0.1145	0.07635	0.02784
0.774193548387097	1.121	0.8195	0.3106	0.1137	0.0758	0.02692
0.806451612903226	1.121	0.8186	0.3098	0.1122	0.07482	0.02639
0.838709677419355	1.121	0.8156	0.3077	0.1118	0.07454	0.02548
0.870967741935484	1.121	0.8152	0.3067	0.1106	0.07374	0.0225
0.903225806451613	1.121	0.8121	0.3024	0.1088	0.07256	0.02229
0.935483870967742	1.121	0.8055	0.2953	0.106	0.07067	0.02223
0.967741935483871	1.121	0.7927	0.2819	0.1008	0.0672	0.02031
0.1	3.1543	2.4561	1.1899	0.51316	0.34274	0.12447
					Average of yearly averages:	
0.0612983333333333						

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Ox_appl 10-29

Metfile:

w93193.dvf

PRZM scenario:

CAfruit_WirrigSTD.txt

EXAMS environment file:

pond298.exv

Chemical Name:

Oxamyl

Description

Variable Name

Value

Units

Comments

Molecular weight

mwt

219

g/mol

Henry's Law Const.

henry

atm-m³/mol

Vapor Pressure

vapr

3.8e-7

torr

Solubility

sol

2.8e5

mg/L

Kd

Kd

mg/L

Koc

Koc

35

mg/L

Photolysis half-life

kdp

14

days

Half-life

Aerobic Aquatic Metabolism

kbacw

6.6

days

Halfife

Anaerobic Aquatic Metabolism

kbacs

0

days

Halfife

Aerobic Soil Metabolism

asm

52

days

Halfife

Hydrolysis:

pH 7

8.0

days

Half-life

Method:

CAM

2

integer

See PRZM manual

Incorporation Depth:	DEPI		cm
Application Rate:	TAPP	2.242	kg/ha
Application Efficiency:	APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond
Application Date	Date	01-05	dd/mm or dd/mm or dd-mm or dd-mmm
Record 17:	FILTRA		
	IPSCND	3	
	UPTKF		
Record 18:	PLVKRT		
	PLDKRT		
	FEXTRC	0.5	
Flag for Index Res. Run	IR	EPA Pond	
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)