

Appendix C

PRZM/EXAMS Output Files

stored as **CA turfN.out**

Chemical: telone

PRZM environment:

CATurfRLF.txt

modified Tuesday, 20 February 2007 at 12:03:48

EXAMS

environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	16.23	13.22	5.695	4.042		2.735 0.6753
1962	13.51	9.959	4.639	3.088		2.062 0.509
1963	46.33	35.42	14.89	5.444		3.636 0.8974
1964	51.75	39.42	15.76	5.711		3.81 0.9374
1965	14.62	12.01	6.575	2.58		1.722 0.4255
1966	14.94	12.09	5.495	2.755		1.846 0.4559
1967	121	93.24	41.39	15.3		10.21 2.519
1968	20.37	15.63	8.346	4.818		3.243 0.7981
1969	34.97	27.1	12.13	4.532		3.024 0.746
1970	35.9	26.36	10.38	3.829		2.555 0.6303
			0.857			
1971	3.144	2.275	2	0.3088		0.31 0.07675
		0.246	0.109	0.0416		0.00696
1972	0.3137	1	9	8		0.0282 6
1973	30.52	23.46	14.91	5.76		3.845 0.949
1974	31.24	23.58	9.748	3.658		2.488 0.6142
1975	21.3	15.72	5.792	2.082		1.389 0.3427
1976	6.704	5.59	2.215	0.7967		0.5314 0.1307
1977	51.17	40.3	18.08	6.807		4.625 1.142
1978	30.2	24.68	12.56	4.714		3.146 0.7762
1979	36.79	28.22	16.64	6.494		4.337 1.07
1980	26.3	20.4	10.07	3.863		2.579 0.6346

1981	25.24	20.96	12.02	4.528	3.022	0.7456
1982	174	133	55.7	20.76	13.86	3.421
1983	25.94	21.9	11.96	4.557	3.041	0.7503
		0.279	0.113	0.0420		0.00690
1984	0.379	4	6	4	0.02806	7
1985	14.93	11	4.32	1.59	1.061	0.2618
1986	15.08	11.62	4.941	2.238	1.496	0.3692
1987	28.07	21.22	8.648	3.803	2.554	0.6302
1988	7.572	5.771	3.739	1.585	1.058	0.2604
		0.750	0.297			
1989	1.005	3	3	0.1558	0.1128	0.02798
1990	8.496	6.883	2.927	1.332	0.9051	0.2234

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	174	133	55.7	20.76	13.86	3.421
0.064516129	121	93.24	41.39	15.3	10.21	2.519
0.096774194	51.75	40.3	18.08	6.807	4.625	1.142
0.129032258	51.17	39.42	16.64	6.494	4.337	1.07
0.161290323	46.33	35.42	15.76	5.76	3.845	0.949
0.193548387	36.79	28.22	14.91	5.711	3.81	0.9374
0.225806452	35.9	27.1	14.89	5.444	3.636	0.8974
0.258064516	34.97	26.36	12.56	4.818	3.243	0.7981
0.290322581	31.24	24.68	12.13	4.714	3.146	0.7762
0.322580645	30.52	23.58	12.02	4.557	3.041	0.7503
0.35483871	30.2	23.46	11.96	4.532	3.024	0.746
0.387096774	28.07	21.9	10.38	4.528	3.022	0.7456
0.419354839	26.3	21.22	10.07	4.042	2.735	0.6753
0.451612903	25.94	20.96	9.748	3.863	2.579	0.6346
0.483870968	25.24	20.4	8.648	3.829	2.555	0.6303
0.516129032	21.3	15.72	8.346	3.803	2.554	0.6302
0.548387097	20.37	15.63	6.575	3.658	2.488	0.6142
0.580645161	16.23	13.22	5.792	3.088	2.062	0.509
0.612903226	15.08	12.09	5.695	2.755	1.846	0.4559
0.64516129	14.94	12.01	5.495	2.58	1.722	0.4255
0.677419355	14.93	11.62	4.941	2.238	1.496	0.3692
0.709677419	14.62	11	4.639	2.082	1.389	0.3427
0.741935484	13.51	9.959	4.32	1.59	1.061	0.2618
0.774193548	8.496	6.883	3.739	1.585	1.058	0.2604
0.806451613	7.572	5.771	2.927	1.332	0.9051	0.2234
0.838709677	6.704	5.59	2.215	0.7967	0.5314	0.1307
			0.857			
0.870967742	3.144	2.275	2	0.3088	0.31	0.07675
		0.750	0.297			
0.903225806	1.005	3	3	0.1558	0.1128	0.02798
		0.279	0.113	0.0420		0.00696
0.935483871	0.379	4	6	4	0.0282	6
		0.246	0.109	0.0416		0.00690
0.967741935	0.3137	1	9	8	0.02806	7

		40.21	17.93			
0.1	51.692	2	6	6.7757	4.5962	1.1348
					Average of yearly averages:	0.70112 7

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CATurfN

Metfile: w23234.dvf

PRZM scenario: CATurfRLF.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
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		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		

Henry's Law Const.	henry	-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	r	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
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Application Rate:	TAPP	55.15	kg/ha	
Application	APPEF		fractio	

Efficiency:	F	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
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Record 17:	FILTRA			
	IPSCN			

	D	1		
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	UPTKF	0		
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Record 18:	PLVKR	0		
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	T		
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

stored as **CAturf.out**

Chemical: telone

PRZM

environment:

CATurfRLF.txt modified Tuesday, 20 February 2007 at 12:03:48

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
						0.0641
1961	2.776	2.2	1.002	0.3883	0.2599	5
		0.0542	0.0278	0.0173		0.0028
1962	0.0736	6	2	5	0.0116	78
			0.0646	0.0242		0.0040
1963	0.2004	0.1526	5	1	0.01638	44
			0.0699	0.0253		0.0041
1964	0.2296	0.175	8	6	0.01693	76
				0.0494		0.0082
1965	0.3511	0.2804	0.1308	8	0.03303	01
	0.0667	0.0540	0.0246	0.0140		0.0023
1966	9	5	7	8	0.009431	42
				0.0935		0.0154
1967	0.7366	0.5665	0.2528	9	0.06259	7
			0.0443	0.0263		0.0044
1968	0.1075	0.0838	9	4	0.01799	35
			0.0590	0.0224		0.0037
1969	0.1643	0.1274	7	7	0.015	01
			0.0562	0.0209		0.0034
1970	0.1881	0.1385	4	4	0.014	64
	0.0259	0.0187	0.0072	0.0026		0.0005
1971	8	9	08	47	0.00226	82
	0.0021	0.0017	0.0007	0.0002		0.0001
1972	87	16	49	83	0.000198	1
				0.0429		0.0070
1973	0.2023	0.1553	0.1067	2	0.02873	97
			0.0942	0.0354		0.0060
1974	0.3041	0.2295	6	8	0.02442	74

		0.0912	0.0336	0.0127		0.0021
1975	0.1236	2	9	7	0.00858	24
	0.0361	0.0301	0.0119	0.0043		0.0007
1976	8	6	5	06	0.002879	17
						0.0568
1977	2.591	2.04	0.9153	0.3444	0.2304	9
			0.0955	0.0365		0.0060
1978	0.2308	0.1905	2	4	0.02449	45
			0.0920	0.0387		0.0064
1979	0.2076	0.1595	5	1	0.02594	12
			0.0579	0.0235		0.0038
1980	0.151	0.1171	2	5	0.01577	84
			0.0672	0.0253		0.0041
1981	0.1358	0.1089	2	6	0.01696	94
						0.0379
1982	1.915	1.465	0.6128	0.23	0.1538	9
			0.0594	0.0231		0.0038
1983	0.1262	0.1067	1	5	0.01547	17
	0.0017	0.0012	0.0005	0.0002		7.08E-
1984	6	97	46	38	0.000178	05
	0.0577	0.0425	0.0166	0.0066		0.0011
1985	8	8	9	47	0.00446	23
		0.0858	0.0365	0.0171		0.0028
1986	0.1115	9	4	3	0.01157	56
						0.0085
1987	0.3981	0.3009	0.1226	0.0517	0.03469	7
		0.0370	0.0245	0.0102		0.0018
1988	0.0486	3	7	6	0.006858	17
	0.0060		0.0017	0.0010		0.0002
1989	29	0.0045	83	8	0.000781	2
	0.0683		0.0355	0.0182		0.0031
1990	5	0.053	8	9	0.01249	15

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
						0.0641
0.032258065	2.776	2.2	1.002	0.3883	0.2599	5
						0.0568
0.064516129	2.591	2.04	0.9153	0.3444	0.2304	9
						0.0379
0.096774194	1.915	1.465	0.6128	0.23	0.1538	9
				0.0935		0.0154
0.129032258	0.7366	0.5665	0.2528	9	0.06259	7
						0.0085
0.161290323	0.3981	0.3009	0.1308	0.0517	0.03469	7
				0.0494		0.0082
0.193548387	0.3511	0.2804	0.1226	8	0.03303	01
				0.0429		0.0070
0.225806452	0.3041	0.2295	0.1067	2	0.02873	97
			0.0955	0.0387		0.0064
0.258064516	0.2308	0.1905	2	1	0.02594	12
			0.0942	0.0365		0.0060
0.290322581	0.2296	0.175	6	4	0.02449	74
			0.0920	0.0354		0.0060
0.322580645	0.2076	0.1595	5	8	0.02442	45

0.35483871	0.2023	0.1553	0.0699 8	0.0263 4	0.01799	0.0044 35
0.387096774	0.2004	0.1526	0.0672 2	0.0253 6	0.01696	0.0041 94
0.419354839	0.1881	0.1385	0.0646 5	0.0253 6	0.01693	0.0041 76
0.451612903	0.1643	0.1274	0.0594 1	0.0242 1	0.01638	0.0040 44
0.483870968	0.151	0.1171	0.0590 7	0.0235 5	0.01577	0.0038 84
0.516129032	0.1358	0.1089	0.0579 2	0.0231 5	0.01547	0.0038 17
0.548387097	0.1262	0.1067	0.0562 4	0.0224 7	0.015	0.0037 01
0.580645161	0.1236	0.0912	0.0443 9	0.0209 4	0.014	0.0034 64
0.612903226	0.1115	0.0858	0.0365 4	0.0182 9	0.01249	0.0031 15
0.64516129	0.1075	0.0838	0.0355 8	0.0173 5	0.0116	0.0028 78
0.677419355	0.0736	0.0542	0.0336 9	0.0171 3	0.01157	0.0028 56
0.709677419	0.0683	0.0540	0.0278 2	0.0140 8	0.009431	0.0023 42
0.741935484	0.0667	0.053	0.0246 7	0.0127 7	0.00858	0.0021 24
0.774193548	0.0577	0.0425	0.0245 7	0.0102 6	0.006858	0.0018 17
0.806451613	0.0486	0.0370	0.0166 9	0.0066 47	0.00446	0.0011 23
0.838709677	0.0361	0.0301	0.0119 5	0.0043 06	0.002879	0.0007 17
0.870967742	0.0259	0.0187	0.0072 08	0.0026 47	0.00226	0.0005 82
0.903225806	0.0060	0.0045	0.0017 83	0.0010 8	0.000781	0.0002 2
0.935483871	0.0021	0.0017	0.0007 49	0.0002 83	0.000198	0.0001 1
0.967741935	0.0017	0.0012	0.0005 46	0.0002 38	0.000178	7.08E- 05
0.1	1.7971 6	1.3751 5	0.5768	0.2163 59	0.144679	0.0357 38
					Average of yearly averages:	0.0088 86

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CATurf

Metfile: w23234.dvf

PRZM scenario: CATurfRLF.txt

EXAMS

environment file: pond298.exv

Description	Variable Name	Value	Units	Comments
Chemical Name:	telone			
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	55.15	kg/ha	
Application Efficiency:	APPEF			
	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAsugarbeetN.out**

Chemical: telone

PRZM environment:

CAsugarbeet_WirrigOP.

txt

modified Thuday, 14 June 2007 at 10:21:20

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at
Metfile: w93193.dvf 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	188	155	74.81	28.46	19	4.689
1962	72.77	60.98	32.45	17.66	11.82	2.917
1963	224	176	87.1	33.26	22.2	5.479
1964	13.77	11.1	5.247	2.006	1.339	0.3296
				0.578		
1965	5.049	3.84	1.586	5	0.3859	0.0952
1966	36.1	29.32	13.41	5.068	3.383	0.8348
1967	162	131	70.25	27.8	18.57	4.583
1968	9.604	7.796	3.64	2.489	1.669	0.4109
1969	507	426	214	80.64	53.84	13.29
1970	393	309	141	53.53	35.76	8.825
		0.265	0.103	0.037		0.0062
1971	0.3576	4	9	71	0.02517	36
1972	21.85	17.03	7.455	2.775	1.851	0.4555
1973	78.08	64.08	29.56	12.88	8.608	2.125
		0.469	0.184	0.069		0.0114
1974	0.6308	4	8	66	0.04648	7
		0.137	0.073	0.028		0.0046
1975	0.179	2	81	08	0.01874	23
1976	117	99.53	55.5	21.42	14.3	3.519
	0.0897	0.067	0.030	0.010		0.0018
1977	3	45	18	97	0.007343	28
1978	356	279	122	47.1	31.45	7.763
1979	13.93	10.94	5.496	2.536	1.701	0.4197
1980	279	216	92.83	37.01	24.72	6.084
1981	143	113	69.03	27.02	18.04	4.45
		0.494	0.213	0.087		0.0145
1982	0.6118	4	7	08	0.05877	6
1983	406	334	191	73.38	48.98	12.09
1984	30	23.7	10.72	4	2.669	0.6566
1985	26.2	21.34	10.45	4.009	2.675	0.66
1986	200	154	75.26	28.85	19.26	4.751
1987	15.97	12.35	5.37	2.146	1.432	0.3533
1988	29.43	23.4	10.78	4.274	2.861	0.7041
1989	7.843	6.322	3.011	1.933	1.293	0.3191
1990	19	15.5	8.822	4.947	3.309	0.8166

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	507	426	214	80.64	53.84	13.29
0.064516129	406	334	191	73.38	48.98	12.09
0.096774194	393	309	141	53.53	35.76	8.825
0.129032258	356	279	122	47.1	31.45	7.763
0.161290323	279	216	92.83	37.01	24.72	6.084

0.193548387	224	176	87.1	33.26	22.2	5.479
0.225806452	200	155	75.26	28.85	19.26	4.751
0.258064516	188	154	74.81	28.46	19	4.689
0.290322581	162	131	70.25	27.8	18.57	4.583
0.322580645	143	113	69.03	27.02	18.04	4.45
0.35483871	117	99.53	55.5	21.42	14.3	3.519
0.387096774	78.08	64.08	32.45	17.66	11.82	2.917
0.419354839	72.77	60.98	29.56	12.88	8.608	2.125
0.451612903	36.1	29.32	13.41	5.068	3.383	0.8348
0.483870968	30	23.7	10.78	4.947	3.309	0.8166
0.516129032	29.43	23.4	10.72	4.274	2.861	0.7041
0.548387097	26.2	21.34	10.45	4.009	2.675	0.66
0.580645161	21.85	17.03	8.822	4	2.669	0.6566
0.612903226	19	15.5	7.455	2.775	1.851	0.4555
0.64516129	15.97	12.35	5.496	2.536	1.701	0.4197
0.677419355	13.93	11.1	5.37	2.489	1.669	0.4109
0.709677419	13.77	10.94	5.247	2.146	1.432	0.3533
0.741935484	9.604	7.796	3.64	2.006	1.339	0.3296
0.774193548	7.843	6.322	3.011	1.933	1.293	0.3191
				0.578		
0.806451613	5.049	3.84	1.586	5	0.3859	0.0952
		0.494	0.213	0.087		0.0145
0.838709677	0.6308	4	7	08	0.05877	6
		0.469	0.184	0.069		0.0114
0.870967742	0.6118	4	8	66	0.04648	7
		0.265	0.103	0.037		0.0062
0.903225806	0.3576	4	9	71	0.02517	36
		0.137	0.073	0.028		0.0046
0.935483871	0.179	2	81	08	0.01874	23
	0.0897	0.067	0.030	0.010		0.0018
0.967741935	3	45	18	97	0.007343	28
				52.88		
0.1	389.3	306	139.1	7	35.329	8.7188
					Average of yearly averages:	2.8886 37

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAsugarbeetN

Metfile: w93193.dvf
CAsugarbeet_WirrigOP.tx

PRZM scenario: t

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
		110.9		

Molecular weight	mwt	7	g/mol	
------------------	-----	---	-------	--

Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	275.5	kg/ha	
	APPEF	2	fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-01	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CA^sugarbeet.out**

Chemical: telone

PRZM environment:

CA^sugarbeet_WirrigOP.

txt

modified Thuday, 14 June 2007 at 10:21:20

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf

09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	10.4	8.619	4.142	1.576	1.056	0.2642
1962	12.84	10.78	5.351	3.488	2.348	0.5804
1963	11.98	9.409	6.124	2.548	1.846	0.4611
				0.440		0.0751
1964	3.027	2.439	1.153	7	0.2945	9
				0.714		
1965	5.849	4.448	1.863	9	0.4778	0.1189
			0.493	0.186		0.0340
1966	1.329	1.079	4	4	0.1257	4
1967	31.62	25.52	13.8	5.545	3.807	0.9493
			0.478	0.333		0.0671
1968	1.34	1.062	4	2	0.2613	6
1969	128	109	61.95	24.42	16.39	4.047
1970	300	236	107	40.83	27.28	6.735
			0.238	0.098		0.0186
1971	0.895	0.646	7	25	0.07311	3
			0.676	0.251		0.0450
1972	1.982	1.545	2	7	0.1691	5
1973	46.55	38.08	17.52	8.799	5.975	1.477
		0.553	0.222	0.145		0.0307
1974	0.7135	7	7	7	0.09893	1
	0.0931	0.071	0.034	0.013		0.0048
1975	5	39	62	98	0.01136	73
1976	13.77	10.91	6.564	2.543	1.698	0.423
		0.198	0.087	0.032		0.0109
1977	0.2543	9	91	54	0.02278	1
1978	175	137	59.78	25.41	17.07	4.223
1979	8.896	6.982	3.554	1.71	1.163	0.2886
1980	158	123	52.61	21.38	14.29	3.519
1981	15.78	12.45	6.924	2.864	1.951	0.4834
			0.896	0.393		0.0741
1982	1.875	1.621	7	6	0.2641	7
1983	147	122	77.62	30.75	20.55	5.086
				0.394		0.0666
1984	2.96	2.338	1.057	6	0.2644	8
				0.378		0.0646
1985	2.456	2.001	0.98	2	0.2539	7
1986	16.45	12.67	7.24	3.023	2.022	0.5008
				0.852		
1987	5.965	4.616	2.013	7	0.5706	0.1435
1988	17.86	14.2	6.543	2.596	1.754	0.4594
		0.893	0.347	0.315		0.0591
1989	1.208	3	2	4	0.2207	9
1990	13.31	10.86	5.966	3.14	2.1	0.5341

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	300	236	107	40.83	27.28	6.735
0.064516129	175	137	77.62	30.75	20.55	5.086

0.096774194	158	123	61.95	25.41	17.07	4.223
0.129032258	147	122	59.78	24.42	16.39	4.047
0.161290323	128	109	52.61	21.38	14.29	3.519
0.193548387	46.55	38.08	17.52	8.799	5.975	1.477
0.225806452	31.62	25.52	13.8	5.545	3.807	0.9493
0.258064516	17.86	14.2	7.24	3.488	2.348	0.5804
0.290322581	16.45	12.67	6.924	3.14	2.1	0.5341
0.322580645	15.78	12.45	6.564	3.023	2.022	0.5008
0.35483871	13.77	10.91	6.543	2.864	1.951	0.4834
0.387096774	13.31	10.86	6.124	2.596	1.846	0.4611
0.419354839	12.84	10.78	5.966	2.548	1.754	0.4594
0.451612903	11.98	9.409	5.351	2.543	1.698	0.423
0.483870968	10.4	8.619	4.142	1.71	1.163	0.2886
0.516129032	8.896	6.982	3.554	1.576	1.056	0.2642
				0.852		
0.548387097	5.965	4.616	2.013	7	0.5706	0.1435
				0.714		
0.580645161	5.849	4.448	1.863	9	0.4778	0.1189
				0.440		0.0751
0.612903226	3.027	2.439	1.153	7	0.2945	9
				0.394		0.0741
0.64516129	2.96	2.338	1.057	6	0.2644	7
				0.393		0.0671
0.677419355	2.456	2.001	0.98	6	0.2641	6
			0.896	0.378		0.0666
0.709677419	1.982	1.621	7	2	0.2613	8
			0.676	0.333		0.0646
0.741935484	1.875	1.545	2	2	0.2539	7
			0.493	0.315		0.0591
0.774193548	1.34	1.079	4	4	0.2207	9
			0.478	0.251		0.0450
0.806451613	1.329	1.062	4	7	0.1691	5
		0.893	0.347	0.186		0.0340
0.838709677	1.208	3	2	4	0.1257	4
			0.238	0.145		0.0307
0.870967742	0.895	0.646	7	7	0.09893	1
		0.553	0.222	0.098		0.0186
0.903225806	0.7135	7	7	25	0.07311	3
		0.198	0.087	0.032		0.0109
0.935483871	0.2543	9	91	54	0.02278	1
	0.0931	0.071	0.034	0.013		0.0048
0.967741935	5	39	62	98	0.01136	73
			61.73	25.31		
	0.1	156.9	122.9	3	1	17.002
						4.2054
					Average of yearly averages:	1.0281 66

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAsugarbeet

Metfile:	w93193.dvf			
PRZM scenario:	CAsugarbeet_WirrigOP.tx			
EXAMS environment file:	t			
	pond298.exv			
Chemical Name:	telone			
	Variable Name	Value	Units	Comments
Description		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		275.5		
Application Rate:	TAPP	2	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0		fraction of application rate applied to pond
Application Date	Date	15-01		dd/mm or dd/mm or dd-mm or dd-mmm
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR		EPA Pond	
	RUNO			
Flag for runoff calc.	FF	none		none, monthly or total(average of entire run)

stored as **CAstrawberryN.out**

Chemical: telone

PRZM environment:

CAstrawberry-

noplasticRLF_V2.txt

modified Wedday, 26 March 2008 at 09:39:14

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	68.64	55.7	23.59	8.546	5.701	1.407
1962	54.74	43.13	18.89	6.915	4.614	1.138
1963	10.7	8.373	3.456	1.254	0.8366	0.2065
1964	12.96	9.814	4	1.468	0.9791	0.2409
1965	645	529	232	86.31	57.59	14.21
1966	606	488	222	84.93	56.69	13.99
1967	511	407	177	65.04	43.39	10.71
1968	379	291	129	47.96	32	7.874
1969	92.43	67.64	31.07	11.31	7.547	1.862
1970	95.44	72.89	29.66	10.69	7.128	1.759
1971	60.99	46.51	19.33	7.061	4.711	1.162
1972	10.31	8.286	3.612	1.328	0.8857	0.218
1973	473	374	163	59.94	39.99	9.869
1974	1220	925	376	138	91.98	22.7
				0.585		0.0964
1975	3.763	2.867	1.188	5	0.3908	7
				0.024		
1976	0.169	0.1358	0.0641	34	0.01626	0.004
1977	1040	822	369	139	92.58	22.84
1978	312	242	98.83	36.29	24.22	5.975
1979	303	229	92.74	33.94	22.64	5.587
1980	211	184	83.87	30.96	20.66	5.083
1981	45.89	35.39	15.02	5.521	3.684	0.9089
1982	335	260	133	49.59	33.1	8.168
1983	106	82.08	43	15.86	10.58	2.611
	0.0027	0.0020	0.0007	0.000		5.92E-
1984	01	03	93	33	0.000234	05
1985	14.91	11.77	5.312	1.999	1.334	0.3291
1986	459	354	155	57.45	38.33	9.457
1987	762	576	235	86.23	57.53	14.2
1988	168	128	56.19	20.81	13.88	3.416
1989	160	123	52.14	19.34	12.91	3.184
1990	72.05	59.14	28.15	11.91	7.95	1.962

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1220	925	376	139	92.58	22.84
0.064516129	1040	822	369	138	91.98	22.7
0.096774194	762	576	235	86.31	57.59	14.21
0.129032258	645	529	232	86.23	57.53	14.2
0.161290323	606	488	222	84.93	56.69	13.99
0.193548387	511	407	177	65.04	43.39	10.71
0.225806452	473	374	163	59.94	39.99	9.869
0.258064516	459	354	155	57.45	38.33	9.457
0.290322581	379	291	133	49.59	33.1	8.168
0.322580645	335	260	129	47.96	32	7.874
0.35483871	312	242	98.83	36.29	24.22	5.975
0.387096774	303	229	92.74	33.94	22.64	5.587
0.419354839	211	184	83.87	30.96	20.66	5.083
0.451612903	168	128	56.19	20.81	13.88	3.416
0.483870968	160	123	52.14	19.34	12.91	3.184
0.516129032	106	82.08	43	15.86	10.58	2.611
0.548387097	95.44	72.89	31.07	11.91	7.95	1.962
0.580645161	92.43	67.64	29.66	11.31	7.547	1.862
0.612903226	72.05	59.14	28.15	10.69	7.128	1.759
0.64516129	68.64	55.7	23.59	8.546	5.701	1.407
0.677419355	60.99	46.51	19.33	7.061	4.711	1.162
0.709677419	54.74	43.13	18.89	6.915	4.614	1.138
0.741935484	45.89	35.39	15.02	5.521	3.684	0.9089
0.774193548	14.91	11.77	5.312	1.999	1.334	0.3291
0.806451613	12.96	9.814	4	1.468	0.9791	0.2409
0.838709677	10.7	8.373	3.612	1.328	0.8857	0.218
0.870967742	10.31	8.286	3.456	1.254	0.8366	0.2065
				0.585		0.0964
0.903225806	3.763	2.867	1.188	5	0.3908	7
				0.024		
0.935483871	0.169	0.1358	0.0641	34	0.01626	0.004
	0.0027	0.0020	0.0007	0.000		5.92E-
0.967741935	01	03	93	33	0.000234	05
				86.30		
0.1	750.3	571.3	234.7	2	57.584	14.209
					Average of yearly averages:	5.705598

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAstrawberryN

Metfile: w23234.dvf

PRZM scenario: CAstrawberry-noplasticRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	telone			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	397.6	kg/ha	
Application Efficiency:	APPEF			
	F	1	fraction	fraction of application rate applied to
Spray Drift	DRFT	0	pond	
Application Date	Date	1-Jan	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTR			
	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAstrawberry.out**

Chemical: telone

PRZM environment:

CAstrawberry-

noplasticRLF_V2.txt

modified Wedday, 26 March 2008 at 09:39:14

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
				0.751		
1961	4.536	3.857	1.85	2	0.5095	0.1273
1962	3.894	3.184	1.911	1.229	0.8253	0.2067
1963	7.594	5.681	2.618	1.026	0.7066	0.1754
1964	11.84	9.577	3.88	1.416	0.952	0.2355
1965	84	71.26	38.46	14.83	9.899	2.452
1966	25.67	21.28	9.733	4.195	2.806	0.6944
1967	12.46	10.08	5.701	2.206	1.512	0.3753
1968	7.019	5.466	2.557	1.556	1.084	0.2682
1969	12.31	10.99	6.327	2.847	1.918	0.4751
1970	20.83	16.9	8.39	3.296	2.206	0.5469
			0.956	0.354		0.0657
1971	3.018	2.302	4	7	0.2632	5
		0.480	0.317	0.124		0.0230
1972	0.5637	3	9	2	0.08402	7
1973	17.85	14.18	9.087	4.129	2.786	0.6901
1974	74.2	56.49	23.5	8.71	5.865	1.453
				0.697		
1975	4.879	3.878	1.725	8	0.4865	0.1217
		0.498	0.217	0.079		0.0138
1976	0.6883	6	7	13	0.05345	2
1977	334	263	118	44.46	29.7	7.329
1978	114	90.88	47.47	18.6	12.52	3.099
1979	24.28	19.69	11.04	4.506	3.036	0.7514
1980	28.83	22.5	11.62	4.867	3.281	0.8088
1981	6.638	5.523	3	1.194	0.8086	0.2014
1982	565	432	184	70.06	46.83	11.58
1983	7.979	6.49	3.875	1.81	1.246	0.3114
		0.142	0.054	0.026		0.0064
1984	0.1932	5	83	11	0.019	23
				0.281		0.0505
1985	2.405	1.773	0.695	8	0.2002	4
1986	59.92	46.16	20.05	8.23	5.599	1.383
1987	89.59	67.87	27.78	10.49	7.019	1.733
1988	41.67	31.75	15.42	6.045	4.034	0.9972
				0.597		
1989	3.891	2.993	1.309	4	0.4291	0.1072
1990	9.889	7.475	4.924	2.091	1.403	0.3478

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	565	432	184	70.06	46.83	11.58
0.064516129	334	263	118	44.46	29.7	7.329

0.096774194	114	90.88	47.47	18.6	12.52	3.099
0.129032258	89.59	71.26	38.46	14.83	9.899	2.452
0.161290323	84	67.87	27.78	10.49	7.019	1.733
0.193548387	74.2	56.49	23.5	8.71	5.865	1.453
0.225806452	59.92	46.16	20.05	8.23	5.599	1.383
0.258064516	41.67	31.75	15.42	6.045	4.034	0.9972
0.290322581	28.83	22.5	11.62	4.867	3.281	0.8088
0.322580645	25.67	21.28	11.04	4.506	3.036	0.7514
0.35483871	24.28	19.69	9.733	4.195	2.806	0.6944
0.387096774	20.83	16.9	9.087	4.129	2.786	0.6901
0.419354839	17.85	14.18	8.39	3.296	2.206	0.5469
0.451612903	12.46	10.99	6.327	2.847	1.918	0.4751
0.483870968	12.31	10.08	5.701	2.206	1.512	0.3753
0.516129032	11.84	9.577	4.924	2.091	1.403	0.3478
0.548387097	9.889	7.475	3.88	1.81	1.246	0.3114
0.580645161	7.979	6.49	3.875	1.556	1.084	0.2682
0.612903226	7.594	5.681	3	1.416	0.952	0.2355
0.64516129	7.019	5.523	2.618	1.229	0.8253	0.2067
0.677419355	6.638	5.466	2.557	1.194	0.8086	0.2014
0.709677419	4.879	3.878	1.911	1.026	0.7066	0.1754
				0.751		
0.741935484	4.536	3.857	1.85	2	0.5095	0.1273
				0.697		
0.774193548	3.894	3.184	1.725	8	0.4865	0.1217
				0.597		
0.806451613	3.891	2.993	1.309	4	0.4291	0.1072
			0.956	0.354		0.0657
0.838709677	3.018	2.302	4	7	0.2632	5
				0.281		0.0505
0.870967742	2.405	1.773	0.695	8	0.2002	4
		0.498	0.317	0.124		0.0230
0.903225806	0.6883	6	9	2	0.08402	7
		0.480	0.217	0.079		0.0138
0.935483871	0.5637	3	7	13	0.05345	2
		0.142	0.054	0.026		0.0064
0.967741935	0.1932	5	83	11	0.019	23
	111.55	88.91	46.56	18.22		
0.1	9	8	9	3	12.2579	3.0343
					Average of	
					yearly	1.2210
					averages:	13

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAstrawberry

Metfile:

w23234.dvf

PRZM scenario:

CAstrawberry-
noplasticRLF_V2.txt

EXAMS environment file:

pond298.exv

Chemical Name:

telone

Description	Variable Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55		
Henry's Law Const.	henry	E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP APPEF	397.6	kg/ha fraction	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA IPSCN D UPTKF PLVKR	1 0		
Record 18:	T PLDKR T FEXTR C	0 0 0 0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNO FF	none	none, monthly or total(average of entire run)	

stored as **CAsoilpreplantN.out**

Chemical: telone

PRZM environment:

CAWineGrapesRLF_V
2.txt

modified Wedday, 26 March 2008 at 09:40:10

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	11.61	8.281	2.991	1.071	0.7141	0.1762
1962	294	230	98.96	35.92	23.96	5.912
1963	26.35	18.54	7.145	2.574	1.717	0.4238
	0.0001	0.0001	5.62E-	3.86E-		1.02E-
1964	93	16	05	05	2.99E-05	05
	0.0415	0.0296	0.0107	0.0038		0.0006
1965	6	7	3	35	0.002558	31
1966	5.867	4.437	1.79	0.6506	0.4341	0.1071
						0.0625
1967	4.169	2.92	1.066	0.38	0.2534	2
1968	183	139	56.67	20.6	13.74	3.382
1969	191	137	51.67	18.6	12.4	3.06
1970	15	10.16	5.695	2.407	1.606	0.3962
1971	16.03	11.59	4.306	1.542	1.029	0.2538
	0.0005	0.0003	0.0001	5.16E-		1.27E-
1972	13	58	3	05	4.21E-05	05
1973	246	183	73.4	26.4	17.61	4.345
1974	60.42	44.98	24.06	8.987	5.995	1.479
				0.0586		0.0096
1975	0.4838	0.3486	0.1613	8	0.03914	75
1976	489	364	135	48.32	32.23	7.931
1977	6.343	4.739	1.827	1.039	0.6931	0.1711
1978	12.1	8.64	4.336	1.571	1.048	0.2585
1979	135	103	39.46	14.2	9.474	2.337
1980	508	398	166	59.86	39.94	9.827
1981	34.81	25.73	9.669	3.49	2.328	0.5744
1982	2040	1530	614	223	149	36.72
1983	67.42	52.78	25.5	9.741	6.498	1.604
	0.0001	0.0001	0.0001	8.71E-		1.83E-
1984	26	26	19	05	6.68E-05	05
						0.0623
1985	4.218	2.955	1.039	0.3786	0.2525	1
1986	466	360	135	48.1	32.08	7.917
				0.0500		0.0083
1987	0.5307	0.3807	0.1392	1	0.0335	12
	9.65E-	6.96E-	2.96E-	1.08E-		1.93E-
1988	05	05	05	05	7.40E-06	06
1989	3.838	2.726	1.003	0.3598	0.24	0.0592
1990	576	426	165	59.61	39.77	9.812

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	2040	1530	614	223	149	36.72
0.064516129	576	426	166	59.86	39.94	9.827

0.096774194	508	398	165	59.61	39.77	9.812
0.129032258	489	364	135	48.32	32.23	7.931
0.161290323	466	360	135	48.1	32.08	7.917
0.193548387	294	230	98.96	35.92	23.96	5.912
0.225806452	246	183	73.4	26.4	17.61	4.345
0.258064516	191	139	56.67	20.6	13.74	3.382
0.290322581	183	137	51.67	18.6	12.4	3.06
0.322580645	135	103	39.46	14.2	9.474	2.337
0.35483871	67.42	52.78	25.5	9.741	6.498	1.604
0.387096774	60.42	44.98	24.06	8.987	5.995	1.479
0.419354839	34.81	25.73	9.669	3.49	2.328	0.5744
0.451612903	26.35	18.54	7.145	2.574	1.717	0.4238
0.483870968	16.03	11.59	5.695	2.407	1.606	0.3962
0.516129032	15	10.16	4.336	1.571	1.048	0.2585
0.548387097	12.1	8.64	4.306	1.542	1.029	0.2538
0.580645161	11.61	8.281	2.991	1.071	0.7141	0.1762
0.612903226	6.343	4.739	1.827	1.039	0.6931	0.1711
0.64516129	5.867	4.437	1.79	0.6506	0.4341	0.1071
						0.0625
0.677419355	4.218	2.955	1.066	0.38	0.2534	2
						0.0623
0.709677419	4.169	2.92	1.039	0.3786	0.2525	1
0.741935484	3.838	2.726	1.003	0.3598	0.24	0.0592
				0.0586		0.0096
0.774193548	0.5307	0.3807	0.1613	8	0.03914	75
				0.0500		0.0083
0.806451613	0.4838	0.3486	0.1392	1	0.0335	12
	0.0415	0.0296	0.0107	0.0038		0.0006
0.838709677	6	7	3	35	0.002558	31
	0.0005	0.0003	0.0001	8.71E-		1.83E-
0.870967742	13	58	3	05	6.68E-05	05
	0.0001	0.0001	0.0001	5.16E-		1.27E-
0.903225806	93	26	19	05	4.21E-05	05
	0.0001	0.0001	5.62E-	3.86E-		1.02E-
0.935483871	26	16	05	05	2.99E-05	05
	9.65E-	6.96E-	2.96E-	1.08E-		1.93E-
0.967741935	05	05	05	05	7.40E-06	06
0.1	506.1	394.6	162	58.481	39.016	9.6239
					Average of	
					yearly	3.2296
					averages:	6

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAsoilpreplantN

Metfile: w23234.dvf

PRZM scenario: CAWineGrapesRLF_V2.txt

EXAMS environment

file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	644.1	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAsoilpreplant.out**

Chemical: telone

PRZM environment:

CAWineGrapesRLF_V2.

txt

modified Wedday, 26 March 2008 at 09:40:10

EXAMS environment:

modified Thuday, 29 August 2002 at 16:33:30

pond298.exv

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
			0.432	0.186		0.0321
1961	1.68	1.198	7	5	0.126	6
1962	191	157	74	27.33	18.24	4.506
1963	5.585	3.93	2.001	0.796	0.5322	0.1334
	0.0932	0.071	0.028	0.010		0.0036
1964	3	55	67	4	0.007835	25
		0.479	0.216	0.082		0.0157
1965	0.6847	2	6	59	0.05571	1
		0.394	0.159			
1966	0.5217	6	2	0.059	0.04248	0.0148
		0.777	0.453	0.198		0.0355
1967	1.131	7	6	2	0.1353	8
1968	26.48	20.1	8.215	3.379	2.257	0.5593
1969	121	86.44	38.03	13.95	9.311	2.303
				0.732		
1970	6.034	4.087	1.61	8	0.4921	0.1247
			0.418	0.155		
1971	1.503	1.087	5	6	0.1052	0.027
		0.082	0.034	0.018		0.0053
1972	0.1101	39	44	02	0.01248	22
1973	16.99	12.66	5.008	1.835	1.227	0.3079
1974	22.19	16.52	7.006	2.683	1.793	0.4438
						0.0841
1975	3.095	2.06	1.094	0.476	0.3346	1
1976	16.88	13.37	5.144	1.848	1.235	0.3046
1977	11.84	8.429	3.029	1.142	0.7639	0.1933
				0.786		
1978	6.659	4.753	1.846	8	0.5319	0.1329
1979	72.5	59.37	24.05	8.833	5.895	1.46
1980	383	307	146	53.14	35.46	8.728
				0.778		
1981	6.536	4.832	2.003	8	0.5333	0.1353
1982	1550	1160	464	169	112	27.76
1983	16.14	13.69	6.637	2.796	1.872	0.4691
		0.073	0.041	0.019		0.0051
1984	0.1009	79	6	59	0.0134	58
			0.170	0.100		0.0211
1985	0.721	0.505	7	2	0.06821	7
1986	455	342	129	46.71	31.16	7.69
		0.082	0.033	0.023		0.0081
1987	0.1084	09	72	82	0.01875	48
			0.375	0.139		0.0253
1988	1.519	1.075	4	1	0.09401	6
		0.537	0.250	0.093		0.0201
1989	0.7565	4	6	66	0.06386	9
1990	521	385	149	53.87	35.94	8.873

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1550	1160	464	169	112	27.76
0.064516129	521	385	149	53.87	35.94	8.873
0.096774194	455	342	146	53.14	35.46	8.728
0.129032258	383	307	129	46.71	31.16	7.69
0.161290323	191	157	74	27.33	18.24	4.506
0.193548387	121	86.44	38.03	13.95	9.311	2.303
0.225806452	72.5	59.37	24.05	8.833	5.895	1.46
0.258064516	26.48	20.1	8.215	3.379	2.257	0.5593
0.290322581	22.19	16.52	7.006	2.796	1.872	0.4691
0.322580645	16.99	13.69	6.637	2.683	1.793	0.4438
0.35483871	16.88	13.37	5.144	1.848	1.235	0.3079
0.387096774	16.14	12.66	5.008	1.835	1.227	0.3046
0.419354839	11.84	8.429	3.029	1.142	0.7639	0.1933
0.451612903	6.659	4.832	2.003	0.796	0.5333	0.1353
				0.786		
0.483870968	6.536	4.753	2.001	8	0.5322	0.1334
				0.778		
0.516129032	6.034	4.087	1.846	8	0.5319	0.1329
				0.732		
0.548387097	5.585	3.93	1.61	8	0.4921	0.1247
						0.0841
0.580645161	3.095	2.06	1.094	0.476	0.3346	1
			0.453	0.198		0.0355
0.612903226	1.68	1.198	6	2	0.1353	8
			0.432	0.186		0.0321
0.64516129	1.519	1.087	7	5	0.126	6
			0.418	0.155		
0.677419355	1.503	1.075	5	6	0.1052	0.027
		0.777	0.375	0.139		0.0253
0.709677419	1.131	7	4	1	0.09401	6
		0.537	0.250	0.100		0.0211
0.741935484	0.7565	4	6	2	0.06821	7
			0.216	0.093		0.0201
0.774193548	0.721	0.505	6	66	0.06386	9
		0.479	0.170	0.082		0.0157
0.806451613	0.6847	2	7	59	0.05571	1
		0.394	0.159			
0.838709677	0.5217	6	2	0.059	0.04248	0.0148
		0.082	0.041	0.023		0.0081
0.870967742	0.1101	39	6	82	0.01875	48
		0.082	0.034	0.019		0.0053
0.903225806	0.1084	09	44	59	0.0134	22
		0.073	0.033	0.018		0.0051
0.935483871	0.1009	79	72	02	0.01248	58
	0.0932	0.071	0.028	0.010		0.0036
0.967741935	3	55	67	4	0.007835	25
				52.49		
0.1	447.8	338.5	144.3	7	35.03	8.6242

Average of
yearly
averages: 2.1474
21

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAsoilpreplant

Metfile: w23234.dvf
CAWineGrapesRLF_V2.tx
t

PRZM scenario:
EXAMS environment
file:

pond298.exv

Chemical Name: telone
Variabl

Description	e Name	Value	Units	Comments
		110.9		

Molecular weight	mwt	7	g/mol	
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Henry's Law Const.	henry	3.55E-03	atm-m^3/mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
----	----	--	------	--

Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
-------------	------	---	------	-----------

Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	r	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
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Application Rate:	TAPP	644.1	kg/ha	
	APPEF		fractio	

Application Efficiency:	F	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
-------------	------	---	--	--

Application Date	Date	15-02	dd/mm or dd/mm or dd-mm or dd-mmm	
------------------	------	-------	-----------------------------------	--

Record 17:	FILTRA			
	IPSCN			
	D	1		

	UPTKF	0		
--	-------	---	--	--

	PLVKR			
--	-------	--	--	--

Record 18:	T	0		
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	PLDKR			
--	-------	--	--	--

	T	0		
--	---	---	--	--

	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CApotatoN.out**

Chemical: telone

PRZM environment:

CAPotatoRLA_V2.txt modified Wedday, 26 March 2008 at 09:37:30

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23155.dvf 09:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	1.11E-06	8.42E-07	3.49E-07	1.28E-07	8.54E-08	2.11E-08
1961	18.05	15.02	6.933	2.573	1.717	0.4236
1962	43.64	32.92	13.34	4.855	3.239	0.7992
1963	4.11E-05	3.87E-05	3.17E-05	2.21E-05	1.73E-05	4.82E-06
1964	5.87E-07	4.30E-07	1.65E-07	6.10E-08	4.31E-08	1.11E-08
1965	90.49	69.73	29.68	10.98	7.325	1.807
1966	6.08E-05	5.79E-05	4.87E-05	3.52E-05	2.76E-05	7.84E-06
1967	2.33E-05	1.77E-05	7.21E-06	2.64E-06	1.76E-06	4.35E-07
1968		0.0482	0.021	0.0079		0.0013
1969	0.06129	2	38	62	0.005312	11
1970	66.09	49.98	20.37	7.446	4.968	1.225
	2.67E-05	2.66E-05	2.46E-05	1.82E-05		3.90E-06
1971	7.56E-09	7.52E-09	6.93E-09	5.03E-09	1.41E-05	1.07E-09
1972	1.53E-09	1.14E-09	4.48E-10	1.65E-10	3.89E-09	2.73E-11
1973	0.00010	7.74E-05	3.06E-05	1.11E-05	1.10E-10	1.83E-06
1974	4	05	05	05	7.43E-06	06
1975	19.9	15.96	7.24	2.687	1.793	0.4424
1976	21.52	16.25	6.374	2.317	1.545	0.3802
	8.95E-06	8.77E-06	7.85E-06	5.52E-06		1.19E-06
1977	22.71	17.28	7.083	2.601	4.29E-06	0.4281
			0.231	0.0855	1.735	0.0140
1979	0.6809	0.5324	2	4	0.05707	8
	2.84E-05	2.39E-05	1.02E-05	3.82E-06		6.68E-07
1980	05	05	05	06	2.64E-06	0.0488
1981	2.193	1.733	0.785	0.2968	0.1981	7

1982	1.27E-06	1.22E-06	1.04E-06	7.45E-07	5.86E-07	1.63E-07
1983	6.32E-09	4.79E-09	1.99E-09	7.97E-10	6.14E-10	1.58E-10
1984	4.33E-13	3.33E-13	1.50E-13	7.18E-14	6.78E-14	2.42E-14
1985	5.54E-17	5.45E-17	4.95E-17	3.69E-17	2.93E-17	8.21E-18
1986	0.4179	0.3229	0.137	0.0506	0.03379	0.0083
1987	0.134	0.1043	0.045	0.0166	0.0111	0.0027
1988	7.45E-08	6.65E-08	5.07E-08	3.47E-08	2.68E-08	7.46E-09
1989	21.03	14.05	4.535	1.605	1.07	0.2639
1990	5.51E-06	5.26E-06	4.46E-06	3.16E-06	2.44E-06	6.64E-07

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	90.49	69.73	29.68	10.98	7.325	1.807
0.064516129	66.09	49.98	20.37	7.446	4.968	1.225
0.096774194	43.64	32.92	13.34	4.855	3.239	0.7992
0.129032258	22.71	17.28	7.24	2.687	1.793	0.4424
0.161290323	21.52	16.25	7.083	2.601	1.735	0.4281
0.193548387	21.03	15.96	6.933	2.573	1.717	0.4236
0.225806452	19.9	15.02	6.374	2.317	1.545	0.3802
0.258064516	18.05	14.05	4.535	1.605	1.07	0.2639
0.290322581	2.193	1.733	0.785	0.2968	0.1981	0.0488
0.322580645	0.6809	0.5324	0.231	0.0855	0.05707	7
0.35483871	0.4179	0.3229	2	4	0.03379	8
0.387096774	0.134	0.1043	0.045	0.0166	0.0111	0.0083
0.419354839	0.06129	2	0.021	0.0079	0.005312	0.0027
0.451612903	0.00010	7.74E-05	38	62	0.005312	0.0013
0.483870968	6.08E-04	5.79E-05	4.87E-05	3.52E-05	2.76E-05	11
0.516129032	4.11E-05	3.87E-05	3.17E-05	2.21E-05	1.73E-05	7.84E-06
0.548387097	2.84E-05	2.66E-05	3.06E-05	1.82E-05	1.41E-05	4.82E-06
0.580645161	2.67E-05	2.39E-05	2.46E-05	1.11E-05	7.43E-06	3.90E-06
0.612903226	2.33E-05	1.77E-05	7.85E-06	5.52E-06	4.29E-06	1.83E-06
0.64516129	8.95E-06	8.77E-06	7.21E-06	3.16E-06	2.44E-06	1.19E-06
0.677419355	5.51E-06	5.26E-06	4.46E-06	2.64E-06	1.76E-06	6.68E-07

	06	06	06	06		07
0.709677419	1.27E-06	1.22E-06	1.04E-06	7.45E-07	5.86E-07	1.63E-07
0.741935484	1.11E-06	8.42E-07	3.49E-07	1.28E-07	8.54E-08	2.11E-08
0.774193548	5.87E-07	4.30E-07	1.65E-07	6.10E-08	4.31E-08	1.11E-08
0.806451613	7.45E-08	6.65E-08	5.07E-08	3.47E-08	2.68E-08	7.46E-09
0.838709677	7.56E-09	7.52E-09	6.93E-09	5.03E-09	3.89E-09	1.07E-09
0.870967742	6.32E-09	4.79E-09	1.99E-09	7.97E-10	6.14E-10	1.58E-10
0.903225806	1.53E-09	1.14E-09	4.48E-10	1.65E-10	1.10E-10	2.73E-11
0.935483871	4.33E-13	3.33E-13	1.50E-13	7.18E-14	6.78E-14	2.42E-14
0.967741935	5.54E-17	5.45E-17	4.95E-17	3.69E-17	2.93E-17	8.21E-18
0.1	41.547	31.356	12.73	4.6382	3.0944	0.7635
					Average of yearly averages:	0.1948
						2
						25

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAPotatoN

Metfile: w23155.dvf
CAPotatoRLA_V

PRZM scenario: 2.txt

EXAMS environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life

Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	2-Feb	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res.				
Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAPotato.out**

Chemical: telone

PRZM environment:

CAPotatoRLA_V2.txt modified Wedday, 26 March 2008 at 09:37:30

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23155.dvf 09:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
		0.0350	0.018	0.0085		0.0014
1961	0.05276	2	1	51	0.005743	18
			0.800			0.0511
1962	2.149	1.685	1	0.304	0.203	3
			0.198	0.0721		0.0149
1963	0.6484	0.4893	2	7	0.05013	5
		0.0681	0.035	0.0207		0.0034
1964	0.08761	8	44	6	0.01418	96
		0.0557	0.036			0.0051
1965	0.07624	7	78	0.0225	0.01838	89
						0.0964
1966	4.539	3.498	1.489	0.5507	0.3682	6
		0.0567	0.044	0.0258		0.0042
1967	0.07701	8	59	6	0.01734	96
		0.0588	0.042	0.0221		0.0042
1968	0.08278	8	98	7	0.01548	19

			0.055	0.0216		0.0070
1969	0.1489	0.1251	13	9	0.01789	87
			0.245	0.0897		0.0181
1970	0.7969	0.6026	6	8	0.0603	3
		0.0856	0.055	0.0261		0.0044
1971	0.1255	6	72	1	0.01806	59
			0.063	0.0351		0.0058
1972	0.2273	0.1458	54	9	0.02356	15
		0.0443	0.028	0.0168		0.0036
1973	0.06811	5	68	8	0.01372	11
			0.041	0.0324		0.0062
1974	0.1217	0.0803	89	2	0.02188	61
1975	9.094	7.03	3.139	1.168	0.7814	0.1978
			0.239	0.0877		
1976	0.6313	0.4801	6	5	0.05996	0.0231
			0.095	0.0476		0.0080
1977	0.3454	0.2411	52	5	0.03243	88
1978	11.61	9.339	3.929	1.439	0.9605	0.24
			0.057	0.0296		0.0054
1979	0.1706	0.1154	21	1	0.01984	7
		0.0394	0.024	0.0132		0.0029
1980	0.05594	5	09	9	0.00894	63
		0.0732	0.042	0.0270		0.0058
1981	0.09728	4	43	9	0.02152	27
		0.0626	0.048	0.0355		0.0062
1982	0.08401	9	08	1	0.02416	63
		0.0319	0.023	0.0117		0.0029
1983	0.04728	4	37	4	0.009069	25
		0.0554	0.037	0.0264		0.0044
1984	0.07306	4	09	6	0.01803	54
		0.0653	0.039	0.0237		0.0040
1985	0.09724	8	79	7	0.01629	3
		0.0394	0.029	0.0152		0.0032
1986	0.05793	2	14	2	0.01028	72
		0.0841	0.036	0.0264		0.0049
1987	0.1239	6	1	3	0.01803	28
		0.0538	0.025	0.0128		0.0022
1988	0.07959	7	35	9	0.009247	75
				0.0604		0.0112
1989	0.7929	0.5298	0.171	9	0.04062	9
		0.0396	0.012	0.0066		0.0010
1990	0.0737	7	73	51	0.004452	98

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	11.61	9.339	3.929	1.439	0.9605	0.24
0.064516129	9.094	7.03	3.139	1.168	0.7814	0.1978
						0.0964
0.096774194	4.539	3.498	1.489	0.5507	0.3682	6
			0.800			0.0511
0.129032258	2.149	1.685	1	0.304	0.203	3
			0.245	0.0897		
0.161290323	0.7969	0.6026	6	8	0.0603	0.0231
0.193548387	0.7929	0.5298	0.239	0.0877	0.05996	0.0181

			6	5		3
			0.198	0.0721		0.0149
0.225806452	0.6484	0.4893	2	7	0.05013	5
				0.0604		0.0112
0.258064516	0.6313	0.4801	0.171	9	0.04062	9
			0.095	0.0476		0.0080
0.290322581	0.3454	0.2411	52	5	0.03243	88
			0.063	0.0355		0.0070
0.322580645	0.2273	0.1458	54	1	0.02416	87
			0.057	0.0351		0.0062
0.35483871	0.1706	0.1251	21	9	0.02356	63
			0.055	0.0324		0.0062
0.387096774	0.1489	0.1154	72	2	0.02188	61
		0.0856	0.055	0.0296		0.0058
0.419354839	0.1255	6	13	1	0.02152	27
		0.0841	0.048	0.0270		0.0058
0.451612903	0.1239	6	08	9	0.01984	15
			0.044	0.0264		0.0054
0.483870968	0.1217	0.0803	59	6	0.01838	7
		0.0732	0.042	0.0264		0.0051
0.516129032	0.09728	4	98	3	0.01806	89
		0.0681	0.042	0.0261		0.0049
0.548387097	0.09724	8	43	1	0.01803	28
		0.0653	0.041	0.0258		0.0044
0.580645161	0.08761	8	89	6	0.01803	59
		0.0626	0.039	0.0237		0.0044
0.612903226	0.08401	9	79	7	0.01789	54
		0.0588	0.037			0.0042
0.64516129	0.08278	8	09	0.0225	0.01734	96
		0.0567	0.036	0.0221		0.0042
0.677419355	0.07959	8	78	7	0.01629	19
		0.0557	0.036	0.0216		0.0040
0.709677419	0.07701	7	1	9	0.01548	3
		0.0554	0.035	0.0207		0.0036
0.741935484	0.07624	4	44	6	0.01418	11
		0.0538	0.029	0.0168		0.0034
0.774193548	0.0737	7	14	8	0.01372	96
		0.0443	0.028	0.0152		0.0032
0.806451613	0.07306	5	68	2	0.01028	72
		0.0396	0.025	0.0132		0.0029
0.838709677	0.06811	7	35	9	0.009247	63
		0.0394	0.024	0.0128		0.0029
0.870967742	0.05793	5	09	9	0.009069	25
		0.0394	0.023	0.0117		0.0022
0.903225806	0.05594	2	37	4	0.00894	75
		0.0350	0.018	0.0085		0.0014
0.935483871	0.05276	2	1	51	0.005743	18
		0.0319	0.012	0.0066		0.0010
0.967741935	0.04728	4	73	51	0.004452	98
			1.420	0.5260		0.0919
0.1	4.3	3.3167	11	3	0.35168	27
					Average of yearly averages:	0.0250 1

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAPotato

Metfile: w23155.dvf
CAPotatoRLA_V
2.txt

PRZM scenario:
EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	2-Feb	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CApasturesN.out**

Chemical: telone

PRZM environment:

CArangelandhayRLF_V2

.txt

modified Wedday, 26 March 2008 at 09:38:02

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23232.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	32.33	24.51	14.24	5.684	3.789	0.9343
1962	27.21	23.19	12.06	4.22	2.813	0.709
1963	23.78	19.2	10.46	4.203	2.802	0.8999
1964	126	96.29	42.24	15.59	10.4	2.561
1965	42.66	32.94	14.15	5.317	3.544	0.8794
1966	248	188	79.35	29.42	19.61	4.841
						0.0650
1967	2.089	1.614	0.7981	0.303	0.2021	6
1968	56.71	43.53	19.54	7.246	4.831	1.191
1969	46.12	34	13.16	5.37	3.678	0.9099
1970	16.42	12.6	5.117	1.907	1.273	0.3197
		0.150	0.0596	0.0324		0.0061
1971	0.1806	8	6	8	0.02165	58
1972	14.28	11.28	7.397	2.913	1.942	0.479
1973	163	124	52.05	19.43	12.96	3.198
1974	40.98	30.16	14.16	5.554	3.707	0.9202
1975	9.76	7.211	3.168	1.177	0.785	0.1962
		0.385	0.0734	0.0257		0.0051
1976	0.8544	7	8	2	0.01715	74
1977	80.34	63.06	27.77	10.7	7.136	1.863
1978	28.55	24.45	11.8	4.583	3.055	0.7703
1979	81.29	59.18	24.93	9.456	6.31	1.565
1980	60.84	48.56	22.56	8.353	5.569	1.373
1981	141	106	47.89	18.78	12.53	3.19
1982	231	177	84.49	32.52	21.7	5.358
1983	60.59	47.07	20.36	7.525	5.017	1.25
						0.0553
1984	2.126	1.552	0.5878	0.31	0.2075	1
1985	10.32	8.214	3.954	1.536	1.024	0.2527
		0.166	0.0801	0.0322		0.0055
1986	0.2069	4	5	6	0.02195	32
1987	101	79.98	36.97	14.58	9.73	2.487
1988	22.16	17.2	7.394	2.824	1.882	0.4682
1989	145	112	49.89	21.06	14.13	3.492

1990	27.2	22.99	11.61	4.116	2.744	0.7033
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Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	248	188	84.49	32.52	21.7	5.358
0.064516129	231	177	79.35	29.42	19.61	4.841
0.096774194	163	124	52.05	21.06	14.13	3.492
0.129032258	145	112	49.89	19.43	12.96	3.198
0.161290323	141	106	47.89	18.78	12.53	3.19
0.193548387	126	96.29	42.24	15.59	10.4	2.561
0.225806452	101	79.98	36.97	14.58	9.73	2.487
0.258064516	81.29	63.06	27.77	10.7	7.136	1.863
0.290322581	80.34	59.18	24.93	9.456	6.31	1.565
0.322580645	60.84	48.56	22.56	8.353	5.569	1.373
0.35483871	60.59	47.07	20.36	7.525	5.017	1.25
0.387096774	56.71	43.53	19.54	7.246	4.831	1.191
0.419354839	46.12	34	14.24	5.684	3.789	0.9343
0.451612903	42.66	32.94	14.16	5.554	3.707	0.9202
0.483870968	40.98	30.16	14.15	5.37	3.678	0.9099
0.516129032	32.33	24.51	13.16	5.317	3.544	0.8999
0.548387097	28.55	24.45	12.06	4.583	3.055	0.8794
0.580645161	27.21	23.19	11.8	4.22	2.813	0.7703
0.612903226	27.2	22.99	11.61	4.203	2.802	0.709
0.64516129	23.78	19.2	10.46	4.116	2.744	0.7033
0.677419355	22.16	17.2	7.397	2.913	1.942	0.479
0.709677419	16.42	12.6	7.394	2.824	1.882	0.4682
0.741935484	14.28	11.28	5.117	1.907	1.273	0.3197
0.774193548	10.32	8.214	3.954	1.536	1.024	0.2527
0.806451613	9.76	7.211	3.168	1.177	0.785	0.1962
0.838709677	2.126	1.614	0.7981	0.31	0.2075	0.0650
0.870967742	2.089	1.552	0.5878	0.303	0.2021	0.0553
0.903225806	0.8544	0.385	0.0801	0.0324	0.02195	0.0061
0.935483871	0.2069	0.166	0.0734	0.0322	0.02165	0.0055
0.967741935	0.1806	0.150	0.0596	0.0257	0.01715	0.0051
0.1	161.2	122.8	51.834	20.897	14.013	3.4626
Average of yearly averages:						1.3649
						44

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CApasturesN

Metfile: w23232.dvf

PRZM scenario:	CArangelandhayRLF_V2			
EXAMS environment file:	pond298.exv			
Chemical Name:	telone			
	Variable Name	Value	Units	Comments
Description		110.9		
Molecular weight	mwt	7	g/mol	
Henry's Law Const.	henry	3.55		
Vapor Pressure	vapr	E-03	atm-m ³ /mol	
Solubility	sol	34	torr	
Kd	Kd	2500	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	41	mg/L	Half-life
Aerobic Aquatic Metabolism	kbacw	0	days	Half-life
Anaerobic Aquatic Metabolism	kbacs	195.2	days	Half-life
Aerobic Soil Metabolism	asm	60	days	Half-life
Hydrolysis:	pH 5	97.6	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	191.4	kg/ha	
Application Efficiency:	APPEF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-10	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CApastures.out**

Chemical: telone

PRZM environment: modified Wedday, 26 March 2008 at 09:38:02

CArangelandhayRLF_V
2.txt

EXAMS environment:
pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23232.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
		0.428		0.0970		0.0159
1961	0.5302	1	0.2297	6	0.06471	6
		0.159		0.0332		0.0095
1962	0.1965	3	0.0816	6	0.02374	36
		0.959				0.0672
1963	1.201	8	0.6941	0.3433	0.2289	2
		0.446				0.0322
1964	0.5443	1	0.2225	0.1111	0.08017	6
		0.228		0.0529		0.0121
1965	0.2954	1	0.1131	7	0.03531	1
		0.308				0.0215
1966	0.3799	4	0.2069	0.1164	0.0776	4
	0.0843	0.070	0.0455	0.0197		0.0056
1967	9	91	8	1	0.01496	49
		0.657				0.0238
1968	0.8616	2	0.2895	0.1166	0.07776	2
1969	24.09	17.76	6.874	2.551	1.742	0.4411
		0.794				0.0347
1970	0.9686	3	0.354	0.1775	0.1195	6
		0.067	0.0259	0.0091		0.0019
1971	0.0874	23	3	59	0.006106	96
						0.0875
1972	2.684	2.138	1.316	0.5215	0.3479	9
						0.0728
1973	1.804	1.37	0.6131	0.3522	0.2432	1
		0.109	0.0569	0.0385		0.0098
1974	0.1428	7	3	8	0.02752	74
		0.290		0.0461		
1975	0.393	3	0.124	6	0.0308	0.0108
	0.0148	0.010	0.0039	0.0023		0.0004
1976	1	71	82	1	0.001579	28
		0.230		0.0709		
1977	0.2993	3	0.1422	3	0.04729	0.0145
		0.382		0.0777		
1978	0.4698	6	0.1977	4	0.05183	0.0221
						0.0811
1979	3.654	2.66	1.107	0.4219	0.2944	5
		0.124	0.0764	0.0366		0.0097
1980	0.1559	5	1	5	0.02523	68
						0.0741
1981	2.39	1.798	0.897	0.3938	0.2664	5
1982	1.657	1.27	0.6703	0.4913	0.3385	0.0991
						0.0610
1983	1.492	1.253	0.6943	0.3297	0.2198	9
		0.198		0.0431		0.0134
1984	0.2461	8	0.0954	1	0.02947	4

		0.975				0.0335
1985	1.226	3	0.4995	0.1961	0.1307	3
		0.084	0.0364	0.0312		0.0056
1986	0.1037	59	2	7	0.02277	95
						0.0421
1987	1.271	1.011	0.4673	0.2245	0.1509	7
		0.272		0.0496		0.0121
1988	0.3507	2	0.117	9	0.03313	8
						0.0724
1989	2.441	1.877	0.8371	0.4219	0.2855	3
		0.557				0.0209
1990	0.6787	2	0.2556	0.1123	0.07633	7

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	24.09	17.76	6.874	2.551	1.742	0.4411
0.064516129	3.654	2.66	1.316	0.5215	0.3479	0.0991
						0.0875
0.096774194	2.684	2.138	1.107	0.4913	0.3385	9
						0.0811
0.129032258	2.441	1.877	0.897	0.4219	0.2944	5
						0.0741
0.161290323	2.39	1.798	0.8371	0.4219	0.2855	5
						0.0728
0.193548387	1.804	1.37	0.6943	0.3938	0.2664	1
						0.0724
0.225806452	1.657	1.27	0.6941	0.3522	0.2432	3
						0.0672
0.258064516	1.492	1.253	0.6703	0.3433	0.2289	2
						0.0610
0.290322581	1.271	1.011	0.6131	0.3297	0.2198	9
		0.975				0.0421
0.322580645	1.226	3	0.4995	0.2245	0.1509	7
		0.959				0.0347
0.35483871	1.201	8	0.4673	0.1961	0.1307	6
		0.794				0.0335
0.387096774	0.9686	3	0.354	0.1775	0.1195	3
		0.657				0.0322
0.419354839	0.8616	2	0.2895	0.1166	0.08017	6
		0.557				0.0238
0.451612903	0.6787	2	0.2556	0.1164	0.07776	2
		0.446				
0.483870968	0.5443	1	0.2297	0.1123	0.0776	0.0221
		0.428				0.0215
0.516129032	0.5302	1	0.2225	0.1111	0.07633	4
		0.382		0.0970		0.0209
0.548387097	0.4698	6	0.2069	6	0.06471	7
		0.308		0.0777		0.0159
0.580645161	0.393	4	0.1977	4	0.05183	6
		0.290		0.0709		
0.612903226	0.3799	3	0.1422	3	0.04729	0.0145
		0.272		0.0529		0.0134
0.64516129	0.3507	2	0.124	7	0.03531	4
		0.230		0.0496		0.0121
0.677419355	0.2993	3	0.117	9	0.03313	8

		0.228		0.0461		0.0121
0.709677419	0.2954	1	0.1131	6	0.0308	1
		0.198		0.0431		
0.741935484	0.2461	8	0.0954	1	0.02947	0.0108
		0.159		0.0385		0.0098
0.774193548	0.1965	3	0.0816	8	0.02752	74
		0.124	0.0764	0.0366		0.0097
0.806451613	0.1559	5	1	5	0.02523	68
		0.109	0.0569	0.0332		0.0095
0.838709677	0.1428	7	3	6	0.02374	36
		0.084	0.0455	0.0312		0.0056
0.870967742	0.1037	59	8	7	0.02277	95
		0.070	0.0364	0.0197		0.0056
0.903225806	0.0874	91	2	1	0.01496	49
	0.0843	0.067	0.0259	0.0091		0.0019
0.935483871	9	23	3	59	0.006106	96
	0.0148	0.010	0.0039	0.0023		0.0004
0.967741935	1	71	82	1	0.001579	28
		2.111		0.4843		0.0869
0.1	2.6597	9	1.086	6	0.33409	46
					Average of yearly averages:	0.0469 91

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CApastures

Metfile:

w23232.dvf

CArangelandhayRLF_V2.t

PRZM scenario:

xt

EXAMS environment

file:

pond298.exv

Chemical Name:

telone

Variabl

e

Description

Name

Value

Units

Comments

Molecular weight

mwt

110.9

7

g/mol

Henry's Law Const.

henry

3.55E-

03

atm-m³/mol

Vapor Pressure

vapr

34

torr

Solubility

sol

2500

mg/L

Kd

Kd

mg/L

Koc

Koc

41

mg/L

Photolysis half-life

kdp

0

days

Half-life

Aerobic Aquatic

Metabolism

kbacw

195.2

days

Halfife

Anaerobic Aquatic

Metabolism

kbacs

60

days

Halfife

Aerobic Soil Metabolism

asm

97.6

days

Halfife

Hydrolysis:

pH 5

0

days

Half-life

Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		191.4		
Application Rate:	TAPP	1	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-10	dd/mm or dd/mm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAornamentalN.out**

Chemical: telone

PRZM environment:

CAnurserySTD.txt modified Wedday, 2 April 2008 at 15:46:15

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

09:04:22

Metfile: w23188.dvf

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	0.0092	0.0071	0.0040	0.0015		0.0002
1961	83	88	29	66	0.001044	57
1962	288	216	85.14	31.09	20.74	5.119
1963	37.67	27.61	10.5	3.774	2.518	0.6214
	0.0002	0.0002	8.75E-	3.93E-		1.40E-
1964	8	13	05	05	3.04E-05	05
1965	18.8	13.96	5.469	1.984	1.324	0.3266
1966	15.92	11.55	4.31	1.582	1.056	0.2603
	0.0835	0.0613	0.0236	0.0087		0.0016
1967	3	9	4	51	0.006166	96
1968	340	248	94.07	33.95	22.65	5.574
1969	200	148	59.36	21.63	14.43	3.561
1970	1100	804	297	107	71.41	17.63
1971	378	280	110	39.79	26.55	6.551

	0.0221	0.0163	0.0065	0.0023		0.0004
1972	7	6	05	79	0.001586	46
						0.0224
1973	1.52	1.072	0.3808	0.1363	0.0909	3
1974	10.47	7.698	3.141	1.141	0.7609	0.1881
1975	327	240	91.65	33.15	22.12	5.459
						0.0941
1976	5.35	3.903	1.475	0.5711	0.3823	4
1977	18.15	13.1	4.84	1.739	1.16	0.2888
1978	47.04	33.58	13.67	4.934	3.291	0.8121
1979	8.64	6.187	2.266	0.8163	0.5445	0.1344
1980	149	120	47.13	16.94	11.3	2.781
1981	307	231	97.48	35.07	23.4	5.773
1982	173	128	49.41	17.68	11.79	2.909
1983	27.48	20.5	8.063	2.914	1.944	0.4797
	0.0017	0.0012	0.0005	0.0002		3.83E-
1984	11	63	77	16	0.000144	05
			0.0943	0.0343		0.0056
1985	0.3411	0.249	1	3	0.02289	44
1986	1900	1400	543	197	131	32.43
1987	86.25	63.68	24.13	8.703	5.806	1.433
						0.0226
1988	1.301	0.9728	0.3716	0.1381	0.09212	8
			0.0677	0.0242		0.0045
1989	0.2567	0.1855	2	4	0.01617	08
1990	149	111	44.2	16.05	10.71	2.643

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1900	1400	543	197	131	32.43
0.064516129	1100	804	297	107	71.41	17.63
0.096774194	378	280	110	39.79	26.55	6.551
0.129032258	340	248	97.48	35.07	23.4	5.773
0.161290323	327	240	94.07	33.95	22.65	5.574
0.193548387	307	231	91.65	33.15	22.12	5.459
0.225806452	288	216	85.14	31.09	20.74	5.119
0.258064516	200	148	59.36	21.63	14.43	3.561
0.290322581	173	128	49.41	17.68	11.79	2.909
0.322580645	149	120	47.13	16.94	11.3	2.781
0.35483871	149	111	44.2	16.05	10.71	2.643
0.387096774	86.25	63.68	24.13	8.703	5.806	1.433
0.419354839	47.04	33.58	13.67	4.934	3.291	0.8121
0.451612903	37.67	27.61	10.5	3.774	2.518	0.6214
0.483870968	27.48	20.5	8.063	2.914	1.944	0.4797
0.516129032	18.8	13.96	5.469	1.984	1.324	0.3266
0.548387097	18.15	13.1	4.84	1.739	1.16	0.2888
0.580645161	15.92	11.55	4.31	1.582	1.056	0.2603
0.612903226	10.47	7.698	3.141	1.141	0.7609	0.1881
0.64516129	8.64	6.187	2.266	0.8163	0.5445	0.1344
						0.0941
0.677419355	5.35	3.903	1.475	0.5711	0.3823	4

0.709677419	1.52	1.072	0.3808	0.1381	0.09212	0.02268
0.741935484	1.301	0.9728	0.3716	0.1363	0.0909	0.02243
			0.0943	0.0343		0.0056
0.774193548	0.3411	0.249	1	3	0.02289	44
			0.0677	0.0242		0.0045
0.806451613	0.2567	0.1855	2	4	0.01617	08
	0.0835	0.0613	0.0236	0.0087		0.0016
0.838709677	3	9	4	51	0.006166	96
	0.0221	0.0163	0.0065	0.0023		0.0004
0.870967742	7	6	05	79	0.001586	46
	0.0092	0.0071	0.0040	0.0015		0.0002
0.903225806	83	88	29	66	0.001044	57
	0.0017	0.0012	0.0005	0.0002		3.83E-
0.935483871	11	63	77	16	0.000144	05
	0.0002	0.0002	8.75E-	3.93E-		1.40E-
0.967741935	8	13	05	05	3.04E-05	05
			108.74			
0.1	374.2	276.8	8	39.318	26.235	6.4732
					Average of yearly averages:	3.170875

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAornamentalN

Metfile: w23188.dvf
CAnurserySTD.tx

PRZM scenario: t

EXAMS environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life

Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	639.58	kg/ha	
Application	APPEF			
Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res.				
Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAornamental.out**

Chemical: telone

PRZM environment:

CAnurserySTD.txt modified Wedday, 2 April 2008 at 15:46:15

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23188.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0	0	0	0	0	0
1962	75.26	57.96	22.99	8.398	5.603	1.383
	0.0165	0.0121	0.0046	0.0016		0.0002
1963	6	4	24	71	0.001132	86
	8.83E-	8.39E-	6.99E-	4.89E-		1.08E-
1964	08	08	08	08	3.79E-08	08
	0.0030	0.0022	0.0008	0.0004		6.63E-
1965	45	61	86	03	0.000269	05
	7.20E-	7.01E-	6.14E-	4.43E-		9.98E-
1966	09	09	09	09	3.48E-09	10
	7.05E-	5.18E-	1.98E-	7.17E-		1.18E-
1967	06	06	06	07	4.78E-07	07
	0.0902	0.0659	0.0249	0.0090		0.0014
1968	7	2	6	07	0.006009	79
1969	44.25	36.26	18.28	6.743	4.499	1.11

						0.0644
1970	3.751	2.786	1.087	0.3913	0.2611	2
1971	65.96	48.98	19.15	6.948	4.635	1.144
	6.28E-	6.22E-	5.63E-	4.09E-		9.01E-
1972	05	05	05	05	3.20E-05	06
				0.0236		0.0038
1973	0.261	0.184	0.066	4	0.01577	92
	0.0480	0.0353	0.0137	0.0050		0.0008
1974	5	4	7	09	0.003342	25
						0.0337
1975	1.876	1.379	0.5646	0.2049	0.1367	3
	0.0181	0.0132	0.0050	0.0018		0.0002
1976	5	4	01	08	0.001206	97
	2.65E-	2.22E-	1.76E-	1.21E-		3.06E-
1977	08	08	08	08	9.41E-09	09
						0.0932
1978	3.926	2.825	1.498	0.5666	0.3781	9
			0.0547	0.0203		0.0033
1979	0.2083	0.1492	1	6	0.01359	52
1980	138	98.19	46.26	17.16	11.45	2.817
1981	9.556	6.797	3.374	1.244	0.83	0.2048
			0.0466	0.0168		0.0027
1982	0.1642	0.1159	2	5	0.01124	75
1983	9.549	6.885	2.845	1.048	0.6993	0.1725
	7.98E-	7.80E-	6.83E-	5.02E-		1.10E-
1984	06	06	06	06	3.96E-06	06
	2.33E-	2.25E-	1.94E-	1.40E-		3.17E-
1985	09	09	09	09	1.11E-09	10
1986	986	729	282	102	68.07	16.8
						0.0877
1987	5.236	3.892	1.477	0.5328	0.3555	9
	3.91E-	2.97E-	1.16E-	4.65E-		1.45E-
1988	05	05	05	06	3.78E-06	06
	1.02E-	7.34E-	2.68E-	9.61E-		1.62E-
1989	06	07	07	08	6.45E-08	08
1990	7.53	5.634	2.233	0.8102	0.5405	0.1334

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	986	729	282	102	68.07	16.8
0.064516129	138	98.19	46.26	17.16	11.45	2.817
0.096774194	75.26	57.96	22.99	8.398	5.603	1.383
0.129032258	65.96	48.98	19.15	6.948	4.635	1.144
0.161290323	44.25	36.26	18.28	6.743	4.499	1.11
0.193548387	9.556	6.885	3.374	1.244	0.83	0.2048
0.225806452	9.549	6.797	2.845	1.048	0.6993	0.1725
0.258064516	7.53	5.634	2.233	0.8102	0.5405	0.1334
						0.0932
0.290322581	5.236	3.892	1.498	0.5666	0.3781	9
						0.0877
0.322580645	3.926	2.825	1.477	0.5328	0.3555	9
						0.0644
0.35483871	3.751	2.786	1.087	0.3913	0.2611	2

0.387096774	1.876	1.379	0.5646	0.2049	0.1367	0.0337
				0.0236		3
0.419354839	0.261	0.184	0.066	4	0.01577	0.0038
			0.0547	0.0203		92
0.451612903	0.2083	0.1492	1	6	0.01359	0.0033
			0.0466	0.0168		52
0.483870968	0.1642	0.1159	2	5	0.01124	0.0027
	0.0902	0.0659	0.0249	0.0090		75
0.516129032	7	2	6	07	0.006009	0.0014
	0.0480	0.0353	0.0137	0.0050		79
0.548387097	5	4	7	09	0.003342	0.0008
	0.0181	0.0132	0.0050	0.0018		25
0.580645161	5	4	01	08	0.001206	0.0002
	0.0165	0.0121	0.0046	0.0016		97
0.612903226	6	4	24	71	0.001132	0.0002
	0.0030	0.0022	0.0008	0.0004		86
0.64516129	45	61	86	03	0.000269	6.63E-
	6.28E-	6.22E-	5.63E-	4.09E-		05
0.677419355	05	05	05	05	3.20E-05	9.01E-
	3.91E-	2.97E-	1.16E-	5.02E-		06
0.709677419	05	05	05	06	3.96E-06	1.45E-
	7.98E-	7.80E-	6.83E-	4.65E-		06
0.741935484	06	06	06	06	3.78E-06	1.10E-
	7.05E-	5.18E-	1.98E-	7.17E-		06
0.774193548	06	06	06	07	4.78E-07	1.18E-
	1.02E-	7.34E-	2.68E-	9.61E-		07
0.806451613	06	07	07	08	6.45E-08	1.62E-
	8.83E-	8.39E-	6.99E-	4.89E-		08
0.838709677	08	08	08	08	3.79E-08	1.08E-
	2.65E-	2.22E-	1.76E-	1.21E-		08
0.870967742	08	08	08	08	9.41E-09	3.06E-
	7.20E-	7.01E-	6.14E-	4.43E-		09
0.903225806	09	09	09	09	3.48E-09	9.98E-
	2.33E-	2.25E-	1.94E-	1.40E-		10
0.935483871	09	09	09	09	1.11E-09	3.17E-
0.967741935	0	0	0	0	0	10
						0
0.1	74.33	57.062	22.606	8.253	5.5062	1.3591
					Average of	
					yearly	0.8018
					averages:	97

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAornamental

Metfile: w23188.dvf
CANurserySTD.tx

PRZM scenario: t

EXAMS environment
file:

pond298.exv

Chemical Name: telone

Description	Variabl	Value	Units	Comments
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	e			
	Name			
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	639.58	kg/ha	
Application Efficiency:	APPEF			
	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAonionN.out**

Chemical: telone

PRZM environment:

CAonion_WirrigSTD.tx
t modified Tuesday, 29 May 2007 at
13:43:34

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
	1.70E-	1.38E-	5.60E-	2.02E-		3.32E-
1961	16	16	17	17	1.35E-17	18
						0.0307
1962	1.338	1.046	0.5008	0.1868	0.1246	5
1963	7.859	5.93	2.402	0.8745	0.5834	0.144
	7.40E-	6.97E-	5.70E-	3.97E-		8.69E-
1964	06	06	06	06	3.12E-06	07
1965	91.91	72.14	32.25	12.13	8.094	1.997
1966	21.76	16.87	7.672	2.863	1.911	0.4714
1967	71.94	57.02	25.95	9.821	6.555	1.618
	0.0001	0.0001	5.42E-	3.25E-		8.10E-
1968	57	2	05	05	3.06E-05	06
1969	50.11	40.65	20.13	7.741	5.168	1.275
				0.0497		0.0081
1970	0.4412	0.3336	0.136	4	0.03319	88
1971	34.44	27.52	12.81	4.893	3.266	0.806
	1.15E-	1.14E-	1.05E-	7.64E-		1.62E-
1972	05	05	05	06	5.91E-06	06
1973	19.64	15.11	9.644	3.719	2.482	0.6124
						0.0939
1974	2.657	2.054	1.348	0.5698	0.3805	1
						0.0673
1975	3.168	2.449	1.099	0.409	0.2729	3
1976	6.234	4.624	1.808	0.6569	0.4382	0.1078
1977	190	150	68.3	25.8	17.22	4.249
						0.0863
1978	4.491	3.41	1.402	0.5244	0.3499	5
1979	70.74	54.39	30.38	11.53	7.695	1.899
1980	60.15	51.27	28.24	10.81	7.213	1.775
1981	16.48	13.22	6.03	2.285	1.526	0.3764
	0.0882	0.0683	0.0294	0.0109		0.0017
1982	9	9	6	2	0.007288	99
1983	48.08	38.49	24.4	9.211	6.148	1.517
	3.97E-	3.88E-	3.45E-	2.50E-		5.43E-
1984	05	05	05	05	1.95E-05	06
						0.0978
1985	3.778	3.086	1.523	0.5936	0.3965	4
1986	3.561	2.792	1.239	0.4656	0.3108	0.0767
1987	742	601	282	107	71.65	17.68
						0.0317
1988	2.433	1.651	0.546	0.1937	0.1292	9
1989	10.27	6.864	2.215	0.7838	0.5227	0.1289
	0.0089	0.0062	0.0021	0.0007		0.0001
1990	55	64	84	78	0.000519	28

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	742	601	282	107	71.65	17.68

0.064516129	190	150	68.3	25.8	17.22	4.249
0.096774194	91.91	72.14	32.25	12.13	8.094	1.997
0.129032258	71.94	57.02	30.38	11.53	7.695	1.899
0.161290323	70.74	54.39	28.24	10.81	7.213	1.775
0.193548387	60.15	51.27	25.95	9.821	6.555	1.618
0.225806452	50.11	40.65	24.4	9.211	6.148	1.517
0.258064516	48.08	38.49	20.13	7.741	5.168	1.275
0.290322581	34.44	27.52	12.81	4.893	3.266	0.806
0.322580645	21.76	16.87	9.644	3.719	2.482	0.6124
0.35483871	19.64	15.11	7.672	2.863	1.911	0.4714
0.387096774	16.48	13.22	6.03	2.285	1.526	0.3764
0.419354839	10.27	6.864	2.402	0.8745	0.5834	0.144
0.451612903	7.859	5.93	2.215	0.7838	0.5227	0.1289
0.483870968	6.234	4.624	1.808	0.6569	0.4382	0.1078
						0.0978
0.516129032	4.491	3.41	1.523	0.5936	0.3965	4
						0.0939
0.548387097	3.778	3.086	1.402	0.5698	0.3805	1
						0.0863
0.580645161	3.561	2.792	1.348	0.5244	0.3499	5
0.612903226	3.168	2.449	1.239	0.4656	0.3108	0.0767
						0.0673
0.64516129	2.657	2.054	1.099	0.409	0.2729	3
						0.0317
0.677419355	2.433	1.651	0.546	0.1937	0.1292	9
						0.0307
0.709677419	1.338	1.046	0.5008	0.1868	0.1246	5
				0.0497		0.0081
0.741935484	0.4412	0.3336	0.136	4	0.03319	88
	0.0882	0.0683	0.0294	0.0109		0.0017
0.774193548	9	9	6	2	0.007288	99
	0.0089	0.0062	0.0021	0.0007		0.0001
0.806451613	55	64	84	78	0.000519	28
	0.0001	0.0001	5.42E-	3.25E-		8.10E-
0.838709677	57	2	05	05	3.06E-05	06
	3.97E-	3.88E-	3.45E-	2.50E-		5.43E-
0.870967742	05	05	05	05	1.95E-05	06
	1.15E-	1.14E-	1.05E-	7.64E-		1.62E-
0.903225806	05	05	05	06	5.91E-06	06
	7.40E-	6.97E-	5.70E-	3.97E-		8.69E-
0.935483871	06	06	06	06	3.12E-06	07
	1.70E-	1.38E-	5.60E-	2.02E-		3.32E-
0.967741935	16	16	17	17	1.35E-17	18
	0.1	89.913	70.628	32.063	12.07	8.0541
						1.9872
					Average of yearly averages:	1.1717 23

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAonionN

Metfile:	w23155.dvf			
PRZM scenario:	CAonion_WirrigSTD.txt			
EXAMS environment file:	pond298.exv			
Chemical Name:	telone			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Feb	dd/mm or dd/mmm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAonion.out**
 Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at
 CAonion_WirrigSTD.txt 13:43:34
 EXAMS environment:
 pond298.exv modified Thuday, 29 August 2002 at 16:33:30
 modified Wedday, 3 July 2002 at
 Metfile: w23155.dvf 09:04:20
 Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	0.0683	0.054	0.038	0.0283		0.0053
1961	9	82	86	1	0.0216	93
		0.647	0.390			0.0304
1962	0.8403	9	8	0.1547	0.109	1
		0.595	0.241			0.0208
1963	0.7894	7	3	0.1027	0.07169	6
	0.0544	0.042	0.036			0.0058
1964	8	44	71	0.0294	0.02311	18
1965	15.21	11.94	5.34	2.008	1.351	0.3396
		0.402	0.207	0.0818		0.0219
1966	0.5218	1	4	3	0.06131	5
		0.216	0.098	0.0372		0.0118
1967	0.2726	1	34	3	0.02754	3
		0.096	0.062	0.0435		0.0124
1968	0.1272	28	48	9	0.03892	1
		0.690	0.385			0.0399
1969	0.8514	7	9	0.1819	0.1263	8
			0.083	0.0410		0.0125
1970	0.2698	0.204	23	1	0.03013	8
1971	12.58	10.05	4.678	1.787	1.195	0.2995
		0.090	0.053	0.0339		0.0064
1972	0.1402	41	52	4	0.02496	07
						0.0996
1973	3.458	2.661	1.36	0.545	0.3751	1
		0.346	0.137	0.0652		0.0246
1974	0.4643	5	3	8	0.06678	5
		0.101	0.071	0.0414		0.0098
1975	0.1316	7	83	5	0.02874	91
		0.120	0.060	0.0403		0.0098
1976	0.1603	9	42	1	0.02744	19
1977	82.19	65.08	29.6	11.18	7.471	1.85
1978	4.583	3.779	1.569	0.6174	0.424	0.1125
1979	4.93	3.791	2.321	0.8969	0.5994	0.1562
1980	5.268	4.255	2.224	0.8855	0.5945	0.1529
		0.208	0.095	0.0501		0.0159
1981	0.2601	8	39	2	0.03973	5
		0.090	0.069	0.0506		0.0148
1982	0.117	65	26	3	0.04276	5
			0.754			0.0550
1983	1.604	1.284	7	0.2945	0.1988	6
	0.0831	0.068	0.052			0.0054
1984	6	86	34	0.0299	0.02128	2
		0.088	0.043	0.0298		0.0088
1985	0.1078	01	43	1	0.02365	44
1986	0.3875	0.303	0.134	0.0512	0.04348	0.0163

		8	8	4		5
1987	53.15	44.73	21.5	8.208	5.479	1.363
			0.041	0.0147		0.0051
1988	0.1828	0.124	02	6	0.01183	65
		0.145	0.047	0.0190		0.0049
1989	0.2182	8	06	4	0.01515	42
		0.014	0.010	0.0080		0.0017
1990	0.0226	28	99	55	0.006875	27

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	82.19	65.08	29.6	11.18	7.471	1.85
0.064516129	53.15	44.73	21.5	8.208	5.479	1.363
0.096774194	15.21	11.94	5.34	2.008	1.351	0.3396
0.129032258	12.58	10.05	4.678	1.787	1.195	0.2995
0.161290323	5.268	4.255	2.321	0.8969	0.5994	0.1562
0.193548387	4.93	3.791	2.224	0.8855	0.5945	0.1529
0.225806452	4.583	3.779	1.569	0.6174	0.424	0.1125
						0.0996
0.258064516	3.458	2.661	1.36	0.545	0.3751	1
			0.754			0.0550
0.290322581	1.604	1.284	7	0.2945	0.1988	6
		0.690	0.390			0.0399
0.322580645	0.8514	7	8	0.1819	0.1263	8
		0.647	0.385			0.0304
0.35483871	0.8403	9	9	0.1547	0.109	1
		0.595	0.241			0.0246
0.387096774	0.7894	7	3	0.1027	0.07169	5
		0.402	0.207	0.0818		0.0219
0.419354839	0.5218	1	4	3	0.06678	5
		0.346	0.137	0.0652		0.0208
0.451612903	0.4643	5	3	8	0.06131	6
		0.303	0.134	0.0512		0.0163
0.483870968	0.3875	8	8	4	0.04348	5
		0.216	0.098	0.0506		0.0159
0.516129032	0.2726	1	34	3	0.04276	5
		0.208	0.095	0.0501		0.0148
0.548387097	0.2698	8	39	2	0.03973	5
			0.083	0.0435		0.0125
0.580645161	0.2601	0.204	23	9	0.03892	8
		0.145	0.071	0.0414		0.0124
0.612903226	0.2182	8	83	5	0.03013	1
			0.069	0.0410		0.0118
0.64516129	0.1828	0.124	26	1	0.02874	3
		0.120	0.062	0.0403		0.0098
0.677419355	0.1603	9	48	1	0.02754	91
		0.101	0.060	0.0372		0.0098
0.709677419	0.1402	7	42	3	0.02744	19
		0.096	0.053	0.0339		0.0088
0.741935484	0.1316	28	52	4	0.02496	44
		0.090	0.052			0.0064
0.774193548	0.1272	65	34	0.0299	0.02365	07
0.806451613	0.117	0.090	0.047	0.0298	0.02311	0.0058

		41	06	1		18
		0.088	0.043			0.0054
0.838709677	0.1078	01	43	0.0294	0.0216	2
	0.0831	0.068	0.041	0.0283		0.0053
0.870967742	6	86	02	1	0.02128	93
	0.0683	0.054	0.038	0.0190		0.0051
0.903225806	9	82	86	4	0.01515	65
	0.0544	0.042	0.036	0.0147		0.0049
0.935483871	8	44	71	6	0.01183	42
		0.014	0.010	0.0080		0.0017
0.967741935	0.0226	28	99	55	0.006875	27
		11.75	5.273			0.3355
0.1	14.947	1	8	1.9859	1.3354	9
					Average of yearly averages:	0.1571 21

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAonion

Metfile: w23155.dvf

PRZM scenario: CAonion_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
		intege		
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		290.2		
Application Rate:	TAPP	5	kg/ha	

Application Efficiency:	APPEF		fraction
Spray Drift	F	1	n
Application Date	DRFT	0	fraction of application rate applied to pond
Record 17:	Date	1-Feb	dd/mm or dd/mmm or dd-mm or dd-mmm
	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAoliveN.out**

Chemical: telone

PRZM modified Wedday, 26 March 2008 at 09:37:04

environment:

CAOliveRLF_V2.txt

EXAMS modified Thuday, 29 August 2002 at 16:33:30

environment:

pond298.exv

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	57.31	47.5	23.14	9.035	6.09	1.504
1962	79.65	66.74	35.27	14.99	10.01	2.471
1963	7.745	6.434	3.018	1.146	0.7682	0.1897
1964	0.737	0.5939	0.2807	0.108	0.0721	0.01774
1965	0.3581	0.2723	0.1124	0.04101	0.02736	0.006749
1966	22.14	17.98	8.218	3.106	2.073	0.5114
1967	151	122	60.2	23.62	15.77	3.892
1968	7.692	6.097	2.746	1.494	1.017	0.2508
1969	878	689	330	124	82.81	20.44
1970	309	257	133	50.52	33.72	8.322
1971	0.06801	0.05049	0.0198	0.007417	0.00498	0.001243
1972	48.23	37.6	16.45	6.123	4.086	1.005
1973	50.7	39.9	23.26	9.127	6.095	1.504
1974	91.52	76.02	36.4	14.12	9.424	2.326
1975	80.85	65.88	32.31	12.49	8.34	2.059
1976	3.298	2.821	1.384	0.529	0.3548	0.08744
1977	77	62.03	29.51	11.35	7.579	1.87
1978	41.93	32.3	18.4	7.745	5.172	1.276
1979	68.39	53.68	26.96	10.24	6.838	1.687

1980	38.8	31.92	15.31	5.721	3.818	0.9396
1981	22.18	17.5	9.318	3.545	2.368	0.5843
1982	309	247	115	44.14	29.48	7.275
1983	343	276	165	62.5	41.71	10.29
1984	44.21	34.92	15.79	5.894	3.933	0.9675
1985	28.67	23.35	11.44	4.385	2.926	0.722
1986	64.08	49.36	23.45	11.38	7.656	1.89
1987	264	212	98.56	37.7	25.19	6.216
1988	8.895	7.191	3.736	1.511	1.012	0.2491
1989	46.66	38.77	20.08	8.649	5.92	1.461
1990	105	87.71	45.43	17.52	11.69	2.886

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	878	689	330	124	82.81	20.44
0.064516129	343	276	165	62.5	41.71	10.29
0.096774194	309	257	133	50.52	33.72	8.322
0.129032258	309	247	115	44.14	29.48	7.275
0.161290323	264	212	98.56	37.7	25.19	6.216
0.193548387	151	122	60.2	23.62	15.77	3.892
0.225806452	105	87.71	45.43	17.52	11.69	2.886
0.258064516	91.52	76.02	36.4	14.99	10.01	2.471
0.290322581	80.85	66.74	35.27	14.12	9.424	2.326
0.322580645	79.65	65.88	32.31	12.49	8.34	2.059
0.35483871	77	62.03	29.51	11.38	7.656	1.89
0.387096774	68.39	53.68	26.96	11.35	7.579	1.87
0.419354839	64.08	49.36	23.45	10.24	6.838	1.687
0.451612903	57.31	47.5	23.26	9.127	6.095	1.504
0.483870968	50.7	39.9	23.14	9.035	6.09	1.504
0.516129032	48.23	38.77	20.08	8.649	5.92	1.461
0.548387097	46.66	37.6	18.4	7.745	5.172	1.276
0.580645161	44.21	34.92	16.45	6.123	4.086	1.005
0.612903226	41.93	32.3	15.79	5.894	3.933	0.9675
0.64516129	38.8	31.92	15.31	5.721	3.818	0.9396
0.677419355	28.67	23.35	11.44	4.385	2.926	0.722
0.709677419	22.18	17.98	9.318	3.545	2.368	0.5843
0.741935484	22.14	17.5	8.218	3.106	2.073	0.5114
0.774193548	8.895	7.191	3.736	1.511	1.017	0.2508
0.806451613	7.745	6.434	3.018	1.494	1.012	0.2491
0.838709677	7.692	6.097	2.746	1.146	0.7682	0.1897
0.870967742	3.298	2.821	1.384	0.529	0.3548	0.08744
0.903225806	0.737	0.5939	0.2807	0.108	0.0721	0.01774
0.935483871	0.3581	0.2723	0.1124	0.04101	0.02736	0.006749
0.967741935	0.06801	0.05049	0.0198	0.007417	0.00498	0.001243
0.1	309	256	131.2	49.882	33.296	8.2173
Average of yearly averages:						2.763386

Data used for this run:

Output File: CAoliveN

Metfile: w93193.dvf

PRZM scenario: CAoliveRLF_V2.txt

EXAMS pond298.exv

environment file:

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	110.97	g/mol	
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Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	integer	See PRZM manual
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Incorporation	DEPI	30	cm	
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Depth:				
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Application Rate:	TAPP	372.2	kg/ha	
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Application Efficiency:	APPEFF	1	fraction	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
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Record 17:	FILTRA			
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	IPSCND	1		
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	UPTKF	0		
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Record 18:	PLVKRT	0		
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	PLDKRT	0		
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	FEXTRC	0.5		
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Flag for Index Res.	IR	EPA		
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Run		Pond		
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Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	
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stored as **CAolive.out**

Chemical: telone

PRZM environment:

CAoliveRLF_V2.txt modified Wedday, 26 March 2008 at 09:37:04

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.033	5.83	2.825	1.295	0.8737	0.2181
1962	3.655	2.971	1.576	1.068	0.7242	0.179
1963	5.27	4.07	2.938	1.374	1.177	0.2986
	0.0327	0.0264	0.0125	0.0053		0.0017
1964	9	3	1	3	0.003864	98
1965	7.052	5.362	2.286	0.904	0.6037	0.1494
				0.0676		0.0125
1966	0.4799	0.3897	0.1782	1	0.04578	6
1967	4.854	3.918	2.08	0.9143	0.6909	0.1767
						0.0871
1968	1.96	1.553	0.6994	0.4865	0.3418	9
1969	82.34	64.66	35.45	13.58	9.109	2.251
1970	47.92	40.91	23.45	9.167	6.161	1.523
						0.0141
1971	0.6588	0.4755	0.176	0.0749	0.05467	1
						0.0615
1972	2.871	2.238	0.9794	0.3652	0.2442	3
1973	6.122	4.818	3.182	1.999	1.442	0.3584
1974	36.85	31.31	14.88	5.788	3.955	0.9875
1975	11.58	9.436	4.628	1.79	1.202	0.2975
1976	3.822	3.276	1.907	0.7357	0.4915	0.1241
1977	34.89	28.11	13.37	5.144	3.454	0.8551
1978	25.15	19.39	8.736	4.241	2.966	0.7631
1979	9.219	7.235	4.717	2.061	1.399	0.3464
1980	7.934	6.641	4.049	2.278	1.561	0.3847
1981	5.155	4.066	2.476	1.067	0.7581	0.1886
1982	114	90.81	42.39	16.23	11.2	2.785
1983	23.29	19.07	11.4	4.648	3.115	0.7789
				0.0990		0.0179
1984	0.739	0.5838	0.264	8	0.06687	9
1985	1.097	0.8936	0.4377	0.1725	0.1158	0.0299
1986	7.905	5.898	3.343	2.087	1.614	0.4015
1987	66.71	53.87	25.02	9.847	6.733	1.665
1988	2.577	2.091	1.219	0.5789	0.4412	0.1239
1989	11.12	9.238	4.784	2.018	1.502	0.3762
1990	24.89	20.32	10.68	4.31	2.879	0.7196

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	114	90.81	42.39	16.23	11.2	2.785
0.064516129	82.34	64.66	35.45	13.58	9.109	2.251
0.096774194	66.71	53.87	25.02	9.847	6.733	1.665
0.129032258	47.92	40.91	23.45	9.167	6.161	1.523
0.161290323	36.85	31.31	14.88	5.788	3.955	0.9875
0.193548387	34.89	28.11	13.37	5.144	3.454	0.8551
0.225806452	25.15	20.32	11.4	4.648	3.115	0.7789
0.258064516	24.89	19.39	10.68	4.31	2.966	0.7631

0.290322581	23.29	19.07	8.736	4.241	2.879	0.7196
0.322580645	11.58	9.436	4.784	2.278	1.614	0.4015
0.35483871	11.12	9.238	4.717	2.087	1.561	0.3847
0.387096774	9.219	7.235	4.628	2.061	1.502	0.3762
0.419354839	7.934	6.641	4.049	2.018	1.442	0.3584
0.451612903	7.905	5.898	3.343	1.999	1.399	0.3464
0.483870968	7.052	5.83	3.182	1.79	1.202	0.2986
0.516129032	7.033	5.362	2.938	1.374	1.177	0.2975
0.548387097	6.122	4.818	2.825	1.295	0.8737	0.2181
0.580645161	5.27	4.07	2.476	1.068	0.7581	0.1886
0.612903226	5.155	4.066	2.286	1.067	0.7242	0.179
0.64516129	4.854	3.918	2.08	0.9143	0.6909	0.1767
0.677419355	3.822	3.276	1.907	0.904	0.6037	0.1494
0.709677419	3.655	2.971	1.576	0.7357	0.4915	0.1241
0.741935484	2.871	2.238	1.219	0.5789	0.4412	0.1239
						0.0871
0.774193548	2.577	2.091	0.9794	0.4865	0.3418	9
						0.0615
0.806451613	1.96	1.553	0.6994	0.3652	0.2442	3
0.838709677	1.097	0.8936	0.4377	0.1725	0.1158	0.0299
				0.0990		0.0179
0.870967742	0.739	0.5838	0.264	8	0.06687	9
						0.0141
0.903225806	0.6588	0.4755	0.1782	0.0749	0.05467	1
				0.0676		0.0125
0.935483871	0.4799	0.3897	0.176	1	0.04578	6
	0.0327	0.0264	0.0125	0.0053		0.0017
0.967741935	9	3	1	3	0.003864	98
0.1	64.831	52.574	24.863	9.779	6.6758	1.6508
					Average of	
					yearly	0.5392
					averages:	13

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAolive

Metfile: w93193.dvf
CAOliveRLF_V2.

PRZM scenario: txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variabl e Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	

Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	372.2	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mm/m or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAokraN.out**

Chemical: telone

PRZM environment:

CAtomato_WirrigSTD.txt modified Tuesday, 29 May 2007 at 13:43:54

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

			21				
Year	Peak	96 hr	Day	60 Day	90 Day		Yearly
1961	0.0812	0.061	0.035	0.0132	0.008818		0.0021

	4	68	17	2		75
1962	79.17	62.66	30.88	11.64	7.767	1.916 0.0926
1963	4.778	3.6 0.080	1.519 0.034	0.5626 0.0126	0.3753	1 0.0020
1964	0.1058	34	62	9	0.008465	84
1965	136 0.0315	103 0.025	42.6 0.010	15.53 0.0040	10.36	2.556 0.0006
1966	1	54	95	01	0.002715	86
1967	18.17	14.48	6.178	2.271	1.515	0.3738
1968	192	152	68.5	25.48	17	4.182
1969	342	263	120	45.97	30.68	7.569
1970	195	149	66.08 0.881	24.61	16.43	4.053
1971	3.032 0.0609	2.25 0.047	9 0.022	0.3195 0.0083	0.2131	0.0526 0.0013
1972	1	54	75	09	0.005543	64
1973	178	149	64.22	23.72	15.82	3.904
1974	27.05	20.13	7.924 0.170	2.885 0.0694	1.925	0.4749 0.0114
1975	0.5103	0.391	4	6	0.04636	4
1976	33.7	26.71	12.22 0.665	4.56	3.043	0.7488 0.0398
1977	2.169	1.63	8	0.2419	0.1614	2
1978	50.72	37.81	15.08	5.525	3.686	0.9093
1979	204	165	70.73	25.94	17.3	4.269
1980	561	430	225 0.822	82.92	55.32	13.61 0.0583
1981	2.4	1.806	1	0.3544	0.2365	9 0.0965
1982	3.059	2.42	1.09	0.5856	0.3914	9
1983	69.85	58.56	30.62	11.97	7.989	1.971 0.0634
1984	2.877	2.273	1.021	0.3862	0.2577	1
1985	2.039	1.574	0.675	0.2479	0.1654	0.0408
1986	187	141	56.5	20.81	13.88	3.425
1987	109	84.72	35.29	12.96	8.647	2.133
1988	172	134	55.03	20.21	13.48	3.317
1989	208	154	59.84	21.72	14.49	3.574
1990	15.26	11.94	5.252	1.955	1.305	0.3219

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	561	430	225	82.92	55.32	13.61
0.064516129	342	263	120	45.97	30.68	7.569
0.096774194	208	165	70.73	25.94	17.3	4.269
0.129032258	204	154	68.5	25.48	17	4.182
0.161290323	195	152	66.08	24.61	16.43	4.053
0.193548387	192	149	64.22	23.72	15.82	3.904
0.225806452	187	149	59.84	21.72	14.49	3.574

0.258064516	178	141	56.5	20.81	13.88	3.425
0.290322581	172	134	55.03	20.21	13.48	3.317
0.322580645	136	103	42.6	15.53	10.36	2.556
0.35483871	109	84.72	35.29	12.96	8.647	2.133
0.387096774	79.17	62.66	30.88	11.97	7.989	1.971
0.419354839	69.85	58.56	30.62	11.64	7.767	1.916
0.451612903	50.72	37.81	15.08	5.525	3.686	0.9093
0.483870968	33.7	26.71	12.22	4.56	3.043	0.7488
0.516129032	27.05	20.13	7.924	2.885	1.925	0.4749
0.548387097	18.17	14.48	6.178	2.271	1.515	0.3738
0.580645161	15.26	11.94	5.252	1.955	1.305	0.3219
						0.0965
0.612903226	4.778	3.6	1.519	0.5856	0.3914	9
						0.0926
0.64516129	3.059	2.42	1.09	0.5626	0.3753	1
						0.0634
0.677419355	3.032	2.273	1.021	0.3862	0.2577	1
			0.881			0.0583
0.709677419	2.877	2.25	9	0.3544	0.2365	9
			0.822			
0.741935484	2.4	1.806	1	0.3195	0.2131	0.0526
0.774193548	2.169	1.63	0.675	0.2479	0.1654	0.0408
			0.665			0.0398
0.806451613	2.039	1.574	8	0.2419	0.1614	2
			0.170	0.0694		0.0114
0.838709677	0.5103	0.391	4	6	0.04636	4
		0.080	0.035	0.0132		0.0021
0.870967742	0.1058	34	17	2	0.008818	75
	0.0812	0.061	0.034	0.0126		0.0020
0.903225806	4	68	62	9	0.008465	84
	0.0609	0.047	0.022	0.0083		0.0013
0.935483871	1	54	75	09	0.005543	64
	0.0315	0.025	0.010	0.0040		0.0006
0.967741935	1	54	95	01	0.002715	86
			70.50			
0.1	207.6	163.9	7	25.894	17.27	4.2603
					Average of	
					yearly	1.9923
					averages:	22

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAokraN

Metfile: w93193.dvf

PRZM scenario: CAtomato_WirrigSTD.txt

EXAMS environment
file:

pond298.exv

Chemical Name:

telone

Variabl

e

Description

Name

Value

Units

Comments

		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	397.6	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAokra.out**

Chemical: telone

PRZM environment:

CAtomato_WirrigSTD.txt modified Tuesday, 29 May 2007 at 13:43:54

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
			0.0598	0.0347		0.0062
1961	0.1743	0.1301	9	2	0.02494	82
1962	52.82	41.85	20.58	7.865	5.258	1.302
1963	2.959	2.23	1.324	0.6591	0.4507	0.1127
	0.0791	0.0706	0.0477	0.0215		0.0038
1964	1	9	9	4	0.01471	22
						0.0499
1965	2.393	1.82	0.7546	0.2816	0.197	7
	0.0848	0.0691	0.0542	0.0345		0.0062
1966	9	3	9	6	0.02373	58
						0.0570
1967	2.285	1.727	0.7691	0.3328	0.226	8
1968	77.09	61.1	27.51	10.45	6.98	1.722
1969	183	141	83.59	33.4	22.32	5.513
1970	4.602	3.579	1.635	0.6546	0.4424	0.1155
1971	1.833	1.323	0.4925	0.2624	0.1816	0.0465
		0.0683		0.0375		0.0070
1972	0.1	5	0.0549	5	0.02556	01
1973	19.75	16.26	7.075	2.973	1.997	0.496
						0.0346
1974	0.8029	0.5975	0.2374	0.1698	0.1247	1
			0.0765	0.0311		0.0082
1975	0.2379	0.1823	9	2	0.02893	42
1976	4.324	3.428	1.561	0.582	0.3964	0.1031
			0.0724	0.0345		0.0085
1977	0.2336	0.1623	3	8	0.03333	39
1978	8.366	6.237	2.496	1.128	0.7665	0.1916
1979	91.79	75.51	33.45	12.42	8.295	2.051
1980	387	295	150	55.56	37.07	9.125
						0.0859
1981	3.482	2.621	1.047	0.4796	0.337	6
1982	4.148	3.494	1.652	0.8874	0.6002	0.1531
1983	6.024	4.696	2.571	1.169	0.9154	0.2295
						0.0428
1984	1.75	1.383	0.621	0.2322	0.1616	9
		0.0890	0.0449	0.0243		0.0065
1985	0.1153	2	5	7	0.02457	78
1986	130	98.5	39.39	15.51	10.36	2.56
1987	5.855	4.616	2.016	0.7517	0.6033	0.1512
						0.0897
1988	1.999	1.56	0.7977	0.4901	0.3565	2
1989	17.24	12.75	4.953	2.044	1.416	0.3512
						0.0889
1990	2.192	1.715	0.7544	0.2816	0.3002	5

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	387	295	150	55.56	37.07	9.125
0.064516129	183	141	83.59	33.4	22.32	5.513

0.096774194	130	98.5	39.39	15.51	10.36	2.56
0.129032258	91.79	75.51	33.45	12.42	8.295	2.051
0.161290323	77.09	61.1	27.51	10.45	6.98	1.722
0.193548387	52.82	41.85	20.58	7.865	5.258	1.302
0.225806452	19.75	16.26	7.075	2.973	1.997	0.496
0.258064516	17.24	12.75	4.953	2.044	1.416	0.3512
0.290322581	8.366	6.237	2.571	1.169	0.9154	0.2295
0.322580645	6.024	4.696	2.496	1.128	0.7665	0.1916
0.35483871	5.855	4.616	2.016	0.8874	0.6033	0.1531
0.387096774	4.602	3.579	1.652	0.7517	0.6002	0.1512
0.419354839	4.324	3.494	1.635	0.6591	0.4507	0.1155
0.451612903	4.148	3.428	1.561	0.6546	0.4424	0.1127
0.483870968	3.482	2.621	1.324	0.582	0.3964	0.1031
						0.0897
0.516129032	2.959	2.23	1.047	0.4901	0.3565	2
						0.0889
0.548387097	2.393	1.82	0.7977	0.4796	0.337	5
						0.0859
0.580645161	2.285	1.727	0.7691	0.3328	0.3002	6
						0.0570
0.612903226	2.192	1.715	0.7546	0.2816	0.226	8
						0.0499
0.64516129	1.999	1.56	0.7544	0.2816	0.197	7
0.677419355	1.833	1.383	0.621	0.2624	0.1816	0.0465
						0.0428
0.709677419	1.75	1.323	0.4925	0.2322	0.1616	9
						0.0346
0.741935484	0.8029	0.5975	0.2374	0.1698	0.1247	1
			0.0765	0.0375		0.0085
0.774193548	0.2379	0.1823	9	5	0.03333	39
			0.0724	0.0347		0.0082
0.806451613	0.2336	0.1623	3	2	0.02893	42
			0.0598	0.0345		0.0070
0.838709677	0.1743	0.1301	9	8	0.02556	01
		0.0890		0.0345		0.0065
0.870967742	0.1153	2	0.0549	6	0.02494	78
		0.0706	0.0542	0.0311		0.0062
0.903225806	0.1	9	9	2	0.02457	82
	0.0848	0.0691	0.0477	0.0243		0.0062
0.935483871	9	3	9	7	0.02373	58
	0.0791	0.0683	0.0449	0.0215		0.0038
0.967741935	1	5	5	4	0.01471	22
	126.17					
0.1	9	96.201	38.796	15.201	10.1535	2.5091
					Average of	
					yearly	
					averages:	0.8239
						77

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAokra

Metfile:	w93193.dvf			
PRZM scenario:	CAtomato_WirrigSTD.txt			
EXAMS environment file:	pond298.exv			
Chemical Name:	telone			
	Variable Name	Value	Units	Comments
Description				
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	397.6	kg/ha	
	APPEF		fraction	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAmintN.out**

Chemical: telone

PRZM modified Tuesday, 29 May 2007 at

environment: 14:00:46

ORMintSTD.txt

EXAMS

environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w24232.dvf 09:06:10

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	0.0948	0.0723	0.0364	0.0137		0.0022
1961	9	8	9	1	0.009151	59
						0.0434
1962	2.314	1.726	0.7119	0.264	0.1762	8
1963	57.8	45.34	18.45	6.759	4.51	1.113
	0.0003	0.0002	0.0002	0.0001		4.14E-
1964	35	97	18	64	0.000135	05
						0.0995
1965	5.324	4.046	1.652	0.6045	0.4034	6
1966	1.513	1.144	0.4666	0.1707	0.1139	0.0281
	6.48E-	6.22E-	5.33E-	4.17E-		1.06E-
1967	06	06	06	06	3.44E-06	06
	0.0610	0.0496	0.0214	0.0079		0.0012
1968	4	6	7	07	0.005275	98
	0.0258	0.0195	0.0080	0.0030		0.0005
1969	2	6	04	52	0.002231	69
1970	20.59	15.42	6.157	2.249	1.501	0.3704
1971	249	192	86.91	32.2	21.49	5.305
1972	5.249	4.017	1.932	0.7203	0.4807	0.1185
	3.51E-	3.42E-	3.02E-	2.34E-		6.76E-
1973	05	05	05	05	1.90E-05	06
	1.44E-	1.16E-	5.35E-	2.30E-		9.08E-
1974	07	07	08	08	1.88E-08	09
	0.0036	0.0027	0.0011	0.0004		6.92E-
1975	3	62	41	2	0.00028	05
	2.96E-	2.90E-	2.58E-	1.90E-		4.95E-
1976	08	08	08	08	1.55E-08	09
	0.0272		0.0086	0.0031		0.0005
1977	3	0.0208	61	68	0.002114	22
						0.0583
1978	2.982	2.284	0.9584	0.3542	0.2363	3
	0.0001	8.69E-	4.78E-	2.91E-		7.75E-
1979	13	05	05	05	2.09E-05	06
1980	54.76	44.12	20.79	7.884	5.265	1.296
1981	26.94	20.24	8.527	3.193	2.131	0.526
1982	62.4	47.85	21.03	7.83	5.226	1.29
1983	41.58	32.42	15.22	5.757	3.842	0.9484
1984	98	77.65	34.52	12.79	8.535	2.101
						0.0517
1985	3.016	2.238	0.8669	0.3137	0.2092	5
				0.0540		0.0089
1986	0.5354	0.3923	0.1495	7	0.03608	1
						0.0250
1987	1.319	1.006	0.416	0.1517	0.1012	2

1988	62.86	47.39	19.21	7.047	4.702	1.157
	0.0002	0.0002	0.0002	0.0001		4.11E-
1989	78	63	19	71	0.000138	05
						0.0893
1990	4.789	3.677	1.486	0.5425	0.3619	1

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	249	192	86.91	32.2	21.49	5.305
0.064516129	98	77.65	34.52	12.79	8.535	2.101
0.096774194	62.86	47.85	21.03	7.884	5.265	1.296
0.129032258	62.4	47.39	20.79	7.83	5.226	1.29
0.161290323	57.8	45.34	19.21	7.047	4.702	1.157
0.193548387	54.76	44.12	18.45	6.759	4.51	1.113
0.225806452	41.58	32.42	15.22	5.757	3.842	0.9484
0.258064516	26.94	20.24	8.527	3.193	2.131	0.526
0.290322581	20.59	15.42	6.157	2.249	1.501	0.3704
0.322580645	5.324	4.046	1.932	0.7203	0.4807	0.1185
						0.0995
0.35483871	5.249	4.017	1.652	0.6045	0.4034	6
						0.0893
0.387096774	4.789	3.677	1.486	0.5425	0.3619	1
						0.0583
0.419354839	3.016	2.284	0.9584	0.3542	0.2363	3
						0.0517
0.451612903	2.982	2.238	0.8669	0.3137	0.2092	5
						0.0434
0.483870968	2.314	1.726	0.7119	0.264	0.1762	8
0.516129032	1.513	1.144	0.4666	0.1707	0.1139	0.0281
						0.0250
0.548387097	1.319	1.006	0.416	0.1517	0.1012	2
				0.0540		0.0089
0.580645161	0.5354	0.3923	0.1495	7	0.03608	1
	0.0948	0.0723	0.0364	0.0137		0.0022
0.612903226	9	8	9	1	0.009151	59
	0.0610	0.0496	0.0214	0.0079		0.0012
0.64516129	4	6	7	07	0.005275	98
	0.0272		0.0086	0.0031		0.0005
0.677419355	3	0.0208	61	68	0.002231	69
	0.0258	0.0195	0.0080	0.0030		0.0005
0.709677419	2	6	04	52	0.002114	22
	0.0036	0.0027	0.0011	0.0004		6.92E-
0.741935484	3	62	41	2	0.00028	05
	0.0003	0.0002	0.0002	0.0001		4.14E-
0.774193548	35	97	19	71	0.000138	05
	0.0002	0.0002	0.0002	0.0001		4.11E-
0.806451613	78	63	18	64	0.000135	05
	0.0001	8.69E-	4.78E-	2.91E-		7.75E-
0.838709677	13	05	05	05	2.09E-05	06
	3.51E-	3.42E-	3.02E-	2.34E-		6.76E-
0.870967742	05	05	05	05	1.90E-05	06
	6.48E-	6.22E-	5.33E-	4.17E-		1.06E-
0.903225806	06	06	06	06	3.44E-06	06

0.935483871	1.44E-07	1.16E-07	5.35E-08	2.30E-08	1.88E-08	9.08E-09
0.967741935	2.96E-08	2.90E-08	2.58E-08	1.90E-08	1.55E-08	4.95E-09
0.1	62.814	47.804	21.006	7.8786	5.2611	1.2954
					Average of yearly averages:	0.487819

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAmintN

Metfile: w24232.dvf

PRZM scenario: ORMintSTD.txt

EXAMS

environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-03		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	264.88	kg/ha	
Application Efficiency:	APPEF			
	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	4-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
Record 18:	PLVKR	0		

	T		
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAmint.out**

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at
 ORmintSTD.txt 14:00:46

EXAMS

environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
 modified Wedday, 3 July 2002 at

Metfile: w24232.dvf 09:06:10

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	0.0693	0.0528	0.0236	0.0133		0.0045
1961	9	2	8	4	0.0118	83
			0.0831	0.0329		0.0111
1962	0.2725	0.2033	7	3	0.02245	1
1963	9.339	7.777	3.548	1.651	1.105	0.2784
	0.0575	0.0433	0.0239	0.0151		0.0043
1964	5	7	2	2	0.01022	4
			0.0870	0.0325		0.0105
1965	0.2772	0.2126	2	2	0.0222	6
	0.0732	0.0630	0.0337			0.0062
1966	3	8	2	0.0203	0.01375	44
	0.0868	0.0645	0.0271	0.0197		0.0048
1967	5	4	9	9	0.01495	15
			0.0467	0.0370		0.0130
1968	0.1505	0.1118	4	8	0.03104	5
		0.0949	0.0465	0.0335		0.0110
1969	0.1299	7	2	4	0.02609	5
			0.0464			0.0079
1970	0.1554	0.1164	9	0.0179	0.01385	18
1971	6.445	5.072	2.218	0.8245	0.5514	0.1429
1972	5.135	3.929	1.759	0.7032	0.4706	0.1221
	0.0958	0.0791	0.0557	0.0280		0.0066
1973	6	5	8	1	0.0204	87
	0.0667	0.0559	0.0381	0.0210		0.0043
1974	1	1	5	8	0.01472	09
		0.0477	0.0336	0.0221		0.0053
1975	0.0623	3	5	7	0.01553	83
	0.0205	0.0173	0.0101	0.0064		0.0015
1976	8	6	7	14	0.005285	92

	0.0765	0.0638	0.0441	0.0283		0.0056
1977	7	4	6	8	0.0195	44
						0.0442
1978	1.088	0.8336	0.3654	0.2291	0.155	8
		0.0878	0.0349	0.0196		0.0088
1979	0.1174	5	7	2	0.01654	96
1980	15.02	11.83	6.66	2.549	1.703	0.427
1981	6.175	4.639	1.864	0.6963	0.4733	0.1259
1982	11.24	8.619	5.023	1.988	1.327	0.3331
1983	15.99	12.47	5.753	2.172	1.45	0.3654
1984	5.671	4.392	1.969	0.8043	0.5482	0.142
				0.0410		0.0099
1985	0.3892	0.2921	0.1134	5	0.02738	12
	0.0531	0.0420	0.0289	0.0132		0.0044
1986	7	3	4	8	0.00979	61
			0.0557	0.0229		0.0100
1987	0.1617	0.1233	5	5	0.01534	9
1988	7.191	5.421	2.204	0.8129	0.5426	0.1364
			0.0546	0.0297		0.0067
1989	0.1341	0.1098	4	7	0.02132	04
			0.0663	0.0249		0.0091
1990	0.2138	0.1641	4	4	0.01683	61

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	15.99	12.47	6.66	2.549	1.703	0.427
0.064516129	15.02	11.83	5.753	2.172	1.45	0.3654
0.096774194	11.24	8.619	5.023	1.988	1.327	0.3331
0.129032258	9.339	7.777	3.548	1.651	1.105	0.2784
0.161290323	7.191	5.421	2.218	0.8245	0.5514	0.1429
0.193548387	6.445	5.072	2.204	0.8129	0.5482	0.142
0.225806452	6.175	4.639	1.969	0.8043	0.5426	0.1364
0.258064516	5.671	4.392	1.864	0.7032	0.4733	0.1259
0.290322581	5.135	3.929	1.759	0.6963	0.4706	0.1221
						0.0442
0.322580645	1.088	0.8336	0.3654	0.2291	0.155	8
				0.0410		0.0130
0.35483871	0.3892	0.2921	0.1134	5	0.03104	5
			0.0870	0.0370		0.0111
0.387096774	0.2772	0.2126	2	8	0.02738	1
			0.0831	0.0335		0.0110
0.419354839	0.2725	0.2033	7	4	0.02609	5
			0.0663	0.0329		0.0105
0.451612903	0.2138	0.1641	4	3	0.02245	6
			0.0557	0.0325		0.0100
0.483870968	0.1617	0.1233	8	2	0.0222	9
			0.0557	0.0297		0.0099
0.516129032	0.1554	0.1164	5	7	0.02132	12
			0.0546	0.0283		0.0091
0.548387097	0.1505	0.1118	4	8	0.0204	61
			0.0467	0.0280		0.0088
0.580645161	0.1341	0.1098	4	1	0.0195	96

		0.0949	0.0465	0.0249		0.0079
0.612903226	0.1299	7	2	4	0.01683	18
		0.0878	0.0464	0.0229		0.0067
0.64516129	0.1174	5	9	5	0.01654	04
	0.0958	0.0791	0.0441	0.0221		0.0066
0.677419355	6	5	6	7	0.01553	87
	0.0868	0.0645	0.0381	0.0210		0.0062
0.709677419	5	4	5	8	0.01534	44
	0.0765	0.0638	0.0349			0.0056
0.741935484	7	4	7	0.0203	0.01495	44
	0.0732	0.0630	0.0337	0.0197		0.0053
0.774193548	3	8	2	9	0.01472	83
	0.0693	0.0559	0.0336	0.0196		0.0048
0.806451613	9	1	5	2	0.01385	15
	0.0667	0.0528	0.0289			0.0045
0.838709677	1	2	4	0.0179	0.01375	83
		0.0477	0.0271	0.0151		0.0044
0.870967742	0.0623	3	9	2	0.0118	61
	0.0575	0.0433	0.0239	0.0133		0.0043
0.903225806	5	7	2	4	0.01022	4
	0.0531	0.0420	0.0236	0.0132		0.0043
0.935483871	7	3	8	8	0.00979	09
	0.0205	0.0173	0.0101	0.0064		0.0015
0.967741935	8	6	7	14	0.005285	92
	11.049					0.3276
0.1	9	8.5348	4.8755	1.9543	1.3048	3
					Average of yearly averages:	0.0754 66

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAmint

Metfile: w24232.dvf
 PRZM scenario: ORmintSTD.txt
 EXAMS
 environment file: pond298.exv
 Chemical Name: telone

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife

Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	264.88	kg/ha	
Application	APPEF		fractio	
Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	4-Jan	dd/mm or dd/mm/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAhopsN.out**

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at

ORhopsSTD.txt 14:00:46

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

Metfile: w24232.dvf 09:06:10

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	13.63	10.29	5.172	1.939	1.294	0.3194
1962	64	52.92	22.22	8.121	5.419	1.338
1963	14.53	12.18	6.169	2.337	1.56	0.3851
1964	6.707	5.035	2.022	0.7413	0.4947	0.1218
						0.0189
1965	1.005	0.7692	0.3147	0.1151	0.07684	7
1966	8.791	6.626	2.793	1.03	0.6872	0.1696
1967	14.98	11.28	4.569	1.682	1.123	0.2773
1968	5.26	4.139	1.987	0.76	0.5076	0.125
1969	20.7	17.35	7.375	2.717	1.813	0.4476

	0.0001	9.43E-05	7.84E-05	5.89E-05		1.66E-05
1970	22	05	05	05	4.82E-05	05
1971	12.57	10.03	5.143	1.963	1.31	0.3235
1972	53.66	44.58	19.74	7.332	4.894	1.205
1973	9.745	7.522	3.223	1.205	0.8042	0.1985
1974	69.88	54.71	24.33	9.062	6.052	1.494
1975	81.63	63.04	28.08	10.42	6.954	1.717
1976	28.08	21.66	10.29	3.929	2.623	0.6457
		0.0827	0.0344	0.0126		0.0021
1977	0.1084	6	7	1	0.008416	04
				0.0848		0.0139
1978	0.6447	0.5103	0.2274	7	0.05666	9
	0.0003	0.0003	0.0001	4.70E-		9.00E-
1979	78	14	28	05	3.16E-05	06
						0.0463
1980	1.858	1.497	0.7057	0.2814	0.1883	5
1981	5.752	4.503	2.203	0.9427	0.6296	0.1554
						0.0762
1982	3.172	2.524	1.238	0.4628	0.3089	4
1983	17.48	14.15	6.45	2.431	1.623	0.4005
1984	7.051	5.448	2.406	0.8978	0.5993	0.1475
1985	29.22	22.98	10.99	4.082	2.724	0.6724
1986	43.25	32.25	12.7	4.619	3.082	0.7608
				0.0575		0.0095
1987	0.3521	0.2686	0.1111	1	0.03861	67
1988	29.08	23.35	10.82	3.986	2.66	0.6546
1989	53.05	40.72	16.49	6.014	4.013	0.9904
						0.0542
1990	2.889	2.218	0.8964	0.3292	0.2196	2

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	81.63	63.04	28.08	10.42	6.954	1.717
0.064516129	69.88	54.71	24.33	9.062	6.052	1.494
0.096774194	64	52.92	22.22	8.121	5.419	1.338
0.129032258	53.66	44.58	19.74	7.332	4.894	1.205
0.161290323	53.05	40.72	16.49	6.014	4.013	0.9904
0.193548387	43.25	32.25	12.7	4.619	3.082	0.7608
0.225806452	29.22	23.35	10.99	4.082	2.724	0.6724
0.258064516	29.08	22.98	10.82	3.986	2.66	0.6546
0.290322581	28.08	21.66	10.29	3.929	2.623	0.6457
0.322580645	20.7	17.35	7.375	2.717	1.813	0.4476
0.35483871	17.48	14.15	6.45	2.431	1.623	0.4005
0.387096774	14.98	12.18	6.169	2.337	1.56	0.3851
0.419354839	14.53	11.28	5.172	1.963	1.31	0.3235
0.451612903	13.63	10.29	5.143	1.939	1.294	0.3194
0.483870968	12.57	10.03	4.569	1.682	1.123	0.2773
0.516129032	9.745	7.522	3.223	1.205	0.8042	0.1985
0.548387097	8.791	6.626	2.793	1.03	0.6872	0.1696
0.580645161	7.051	5.448	2.406	0.9427	0.6296	0.1554

0.612903226	6.707	5.035	2.203	0.8978	0.5993	0.1475
0.64516129	5.752	4.503	2.022	0.76	0.5076	0.125
0.677419355	5.26	4.139	1.987	0.7413	0.4947	0.1218
						0.0762
0.709677419	3.172	2.524	1.238	0.4628	0.3089	4
						0.0542
0.741935484	2.889	2.218	0.8964	0.3292	0.2196	2
						0.0463
0.774193548	1.858	1.497	0.7057	0.2814	0.1883	5
						0.0189
0.806451613	1.005	0.7692	0.3147	0.1151	0.07684	7
				0.0848		0.0139
0.838709677	0.6447	0.5103	0.2274	7	0.05666	9
				0.0575		0.0095
0.870967742	0.3521	0.2686	0.1111	1	0.03861	67
		0.0827	0.0344	0.0126		0.0021
0.903225806	0.1084	6	7	1	0.008416	04
	0.0003	0.0003	0.0001	5.89E-		1.66E-
0.935483871	78	14	28	05	4.82E-05	05
	0.0001	9.43E-	7.84E-	4.70E-		9.00E-
0.967741935	22	05	05	05	3.16E-05	06
0.1	62.966	52.086	21.972	8.0421	5.3665	1.3247
					Average of	
					yearly	0.4256
					averages:	86

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAhopsN

Metfile: w24232.dvf

PRZM scenario: ORhopsSTD.txt

EXAMS

environment file: pond298.exv

Chemical Name: telone

Variabl

Description	e Name	Value	Units	Comments
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Molecular weight	mwt	110.97	g/mol	
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		3.55E-		
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Henry's Law Const.	henry	03	atm-m^3/mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	208.05	kg/ha	
Application Efficiency:	APPEF			
Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-03	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAhops.out**

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at

ORhopsSTD.txt 14:00:46

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

Metfile: w24232.dvf 09:06:10

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	11.28	8.497	3.998	1.582	1.056	0.2644
1962	19.87	16.16	7.077	2.662	1.778	0.4421
1963	27.33	22.85	10.43	4.226	2.831	0.7027
						0.0180
1964	0.9305	0.6984	0.2805	0.1028	0.0686	3
				0.0214		0.0058
1965	0.2073	0.1533	0.0595	7	0.01785	74
						0.0670
1966	3.45	2.601	1.084	0.3999	0.2668	7
1967	8.414	6.333	2.628	0.981	0.6548	0.163

						0.0675
1968	2.397	1.886	0.8785	0.3345	0.2383	6
						0.0884
1969	3.83	3.219	1.366	0.503	0.3356	1
	0.0402	0.0300	0.0120	0.0078		0.0016
1970	2	4	2	66	0.006478	48
						0.0669
1971	1.437	1.101	0.484	0.2388	0.2071	3
1972	7.21	5.864	2.675	1.146	0.8681	0.2176
						0.0764
1973	3.705	2.86	1.225	0.4581	0.3058	7
1974	18.8	15.31	6.95	2.605	1.74	0.4323
1975	57.77	44.03	20	7.443	4.968	1.229
1976	12.71	9.806	4.775	1.852	1.236	0.3046
			0.0624	0.0228		0.0056
1977	0.1964	0.15	9	6	0.01525	47
						0.0240
1978	1.042	0.8489	0.3617	0.1371	0.09206	1
				0.0478		0.0095
1979	0.3147	0.2354	0.0937	7	0.03436	43
						0.0663
1980	2.082	1.639	0.9331	0.3599	0.2547	5
1981	2.741	2.146	1.547	0.7851	0.5518	0.1499
						0.0190
1982	0.5369	0.4118	0.265	0.1089	0.07274	6
1983	10.71	9.334	4.47	1.708	1.144	0.2919
1984	3.504	2.708	1.386	0.7032	0.4802	0.1299
1985	2.99	2.418	1.339	0.5017	0.5255	0.1368
1986	2.674	1.994	0.785	0.2891	0.193	0.0494
				0.0776		
1987	0.815	0.5874	0.2163	1	0.05179	0.0231
						0.0952
1988	4.052	3.051	1.466	0.5706	0.3839	6
1989	28.87	22.34	9.078	3.31	2.208	0.5473
			0.0454	0.0200		0.0063
1990	0.1466	0.1125	8	9	0.01341	75

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	57.77	44.03	20	7.443	4.968	1.229
0.064516129	28.87	22.85	10.43	4.226	2.831	0.7027
0.096774194	27.33	22.34	9.078	3.31	2.208	0.5473
0.129032258	19.87	16.16	7.077	2.662	1.778	0.4421
0.161290323	18.8	15.31	6.95	2.605	1.74	0.4323
0.193548387	12.71	9.806	4.775	1.852	1.236	0.3046
0.225806452	11.28	9.334	4.47	1.708	1.144	0.2919
0.258064516	10.71	8.497	3.998	1.582	1.056	0.2644
0.290322581	8.414	6.333	2.675	1.146	0.8681	0.2176
0.322580645	7.21	5.864	2.628	0.981	0.6548	0.163
0.35483871	4.052	3.219	1.547	0.7851	0.5518	0.1499
0.387096774	3.83	3.051	1.466	0.7032	0.5255	0.1368

0.419354839	3.705	2.86	1.386	0.5706	0.4802	0.1299
						0.0952
0.451612903	3.504	2.708	1.366	0.503	0.3839	6
						0.0884
0.483870968	3.45	2.601	1.339	0.5017	0.3356	1
						0.0764
0.516129032	2.99	2.418	1.225	0.4581	0.3058	7
						0.0675
0.548387097	2.741	2.146	1.084	0.3999	0.2668	6
						0.0670
0.580645161	2.674	1.994	0.9331	0.3599	0.2547	7
						0.0669
0.612903226	2.397	1.886	0.8785	0.3345	0.2383	3
						0.0663
0.64516129	2.082	1.639	0.785	0.2891	0.2071	5
0.677419355	1.437	1.101	0.484	0.2388	0.193	0.0494
						0.0240
0.709677419	1.042	0.8489	0.3617	0.1371	0.09206	1
0.741935484	0.9305	0.6984	0.2805	0.1089	0.07274	0.0231
						0.0190
0.774193548	0.815	0.5874	0.265	0.1028	0.0686	6
				0.0776		0.0180
0.806451613	0.5369	0.4118	0.2163	1	0.05179	3
				0.0478		0.0095
0.838709677	0.3147	0.2354	0.0937	7	0.03436	43
			0.0624	0.0228		0.0063
0.870967742	0.2073	0.1533	9	6	0.01785	75
				0.0214		0.0058
0.903225806	0.1964	0.15	0.0595	7	0.01525	74
			0.0454	0.0200		0.0056
0.935483871	0.1466	0.1125	8	9	0.01341	47
	0.0402	0.0300	0.0120	0.0078		0.0016
0.967741935	2	4	2	66	0.006478	48
						0.5367
0.1	26.584	21.722	8.8779	3.2452	2.165	8
					Average of yearly averages:	0.1900
						75

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAhops

Metfile: w24232.dvf

PRZM scenario: ORhopsSTD.txt

EXAMS

environment file: pond298.exv

Chemical Name: telone

Variabl

Description e Name Value Units Comments

Molecular weight mwt 110.97 g/mol

Henry's Law Const. henry 3.55E-03 atm-m^3/mol

Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	208.05	kg/ha	
Application Efficiency:	APPEF		fractio	
	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-03	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAgrapesN.out**

Chemical: telone

PRZM environment:

CAgrapes_WirrigSTD.t modified Tuesday, 29 May 2007 at
xt 13:42:54

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	94.74	78.53	37.31	14.07	9.391	2.317
1962	6.381	5.347	2.784	1.123	0.7499	0.1851

1963	90.9	73.95	33.33	12.37	8.256	2.037
	0.0117	0.0101	0.0051	0.0019		0.0003
1964	4	7	41	17	0.001301	24
1965	5.449	4.144	1.71	0.6235	0.4159	0.1026
	2.01E-	1.54E-	9.29E-	6.27E-		1.82E-
1966	05	05	06	06	6.15E-06	06
1967	76.14	61.46	30.1	11.77	7.861	1.94
	0.0071	0.0056	0.0025	0.0010		0.0001
1968	57	77	97	78	0.000735	83
1969	401	322	154	57.6	38.45	9.488
1970	280	220	102	38.36	25.6	6.318
	0.0001	0.0001	0.0001	0.0001		2.26E-
1971	57	54	39	01	7.98E-05	05
	0.0026	0.0020	0.0009	0.0004		7.73E-
1972	45	62	03	69	0.000314	05
1973	51.81	40.84	18.31	6.887	4.597	1.135
	0.0015	0.0011	0.0004	0.0001		3.04E-
1974	36	45	42	63	0.000114	05
	0.0024		0.0007	0.0002		4.86E-
1975	8	0.0019	98	95	0.000197	05
1976	4.841	4.123	1.991	0.7584	0.5062	0.1246
						0.0158
1977	0.6671	0.5617	0.2618	0.0963	0.06424	5
1978	428	330	140	52.19	34.83	8.594
			0.0598	0.0305		0.0050
1979	0.1532	0.1203	2	4	0.02055	79
1980	231	179	76.77	28.43	18.97	4.668
1981	43.73	34.51	19.93	7.611	5.08	1.253
	0.0016	0.0012	0.0005			3.63E-
1982	79	91	37	0.0002	0.00014	05
1983	178	143	82.88	31.39	20.95	5.17
				0.0554		0.0091
1984	0.4155	0.3283	0.1484	4	0.037	13
						0.0309
1985	1.21	0.9858	0.4829	0.1881	0.1255	7
1986	79.14	60.95	25.82	9.515	6.349	1.566
				0.0810		0.0133
1987	0.6524	0.5049	0.2171	4	0.05407	4
1988	10.91	8.675	3.997	1.538	1.027	0.2526
			0.0394			
1989	0.1374	0.1016	9	0.0201	0.01377	0.0034
						0.0528
1990	1.449	1.183	0.6407	0.3205	0.2142	7

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	428	330	154	57.6	38.45	9.488
0.064516129	401	322	140	52.19	34.83	8.594
0.096774194	280	220	102	38.36	25.6	6.318
0.129032258	231	179	82.88	31.39	20.95	5.17
0.161290323	178	143	76.77	28.43	18.97	4.668
0.193548387	94.74	78.53	37.31	14.07	9.391	2.317

0.225806452	90.9	73.95	33.33	12.37	8.256	2.037
0.258064516	79.14	61.46	30.1	11.77	7.861	1.94
0.290322581	76.14	60.95	25.82	9.515	6.349	1.566
0.322580645	51.81	40.84	19.93	7.611	5.08	1.253
0.35483871	43.73	34.51	18.31	6.887	4.597	1.135
0.387096774	10.91	8.675	3.997	1.538	1.027	0.2526
0.419354839	6.381	5.347	2.784	1.123	0.7499	0.1851
0.451612903	5.449	4.144	1.991	0.7584	0.5062	0.1246
0.483870968	4.841	4.123	1.71	0.6235	0.4159	0.1026
						0.0528
0.516129032	1.449	1.183	0.6407	0.3205	0.2142	7
						0.0309
0.548387097	1.21	0.9858	0.4829	0.1881	0.1255	7
						0.0158
0.580645161	0.6671	0.5617	0.2618	0.0963	0.06424	5
				0.0810		0.0133
0.612903226	0.6524	0.5049	0.2171	4	0.05407	4
				0.0554		0.0091
0.64516129	0.4155	0.3283	0.1484	4	0.037	13
			0.0598	0.0305		0.0050
0.677419355	0.1532	0.1203	2	4	0.02055	79
			0.0394			
0.709677419	0.1374	0.1016	9	0.0201	0.01377	0.0034
	0.0117	0.0101	0.0051	0.0019		0.0003
0.741935484	4	7	41	17	0.001301	24
	0.0071	0.0056	0.0025	0.0010		0.0001
0.774193548	57	77	97	78	0.000735	83
	0.0026	0.0020	0.0009	0.0004		7.73E-
0.806451613	45	62	03	69	0.000314	05
	0.0024		0.0007	0.0002		4.86E-
0.838709677	8	0.0019	98	95	0.000197	05
	0.0016	0.0012	0.0005			3.63E-
0.870967742	79	91	37	0.0002	0.00014	05
	0.0015	0.0011	0.0004	0.0001		3.04E-
0.903225806	36	45	42	63	0.000114	05
	0.0001	0.0001	0.0001	0.0001		2.26E-
0.935483871	57	54	39	01	7.98E-05	05
	2.01E-	1.54E-	9.29E-	6.27E-		1.82E-
0.967741935	05	05	06	06	6.15E-06	06
			100.08			
0.1	275.1	215.9	8	37.663	25.135	6.2032
					Average of	
					yearly	1.5094
					averages:	08

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAgrapesN

Metfile: w93193.dvf

PRZM scenario: CAgrapes_WirrigSTD.txt

EXAMS environment pond298.exv

file:

Chemical Name:	telone			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	372.16	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-01	dd/mm or dd/mm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAgrapes.out**

Chemical: telone

PRZM environment:

CAgrapes_WirrigSTD.txt modified Tuesday, 29 May 2007 at 13:42:54

EXAMS environment:

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

modified Wedday, 3 July 2002 at
 Metfile: w93193.dvf 09:04:24
 Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
						0.0387
1961	1.552	1.286	0.6112	0.2327	0.1562	9
						0.0396
1962	1.479	1.189	0.569	0.2382	0.1601	6
						0.0246
1963	0.7828	0.6232	0.2998	0.1246	0.09655	7
	0.0227		0.0073	0.0028		0.0008
1964	1	0.0169	66	36	0.001946	99
						0.0217
1965	1.131	0.8599	0.356	0.1314	0.08781	4
	0.0095	0.0083	0.0043	0.0016		0.0004
1966	63	24	42	62	0.001108	82
1967	7.514	6.065	3.065	1.208	0.8163	0.2025
	0.0481	0.0362	0.0181	0.0104		0.0022
1968	6	5	9	8	0.007247	9
1969	45.19	36.38	18.17	6.866	4.604	1.137
1970	238	187	85.81	32.46	21.67	5.349
	0.0710		0.0190	0.0072		0.0016
1971	6	0.0513	2	81	0.00493	34
	0.0135		0.0056	0.0021		0.0009
1972	7	0.0113	73	98	0.001506	08
1973	22.31	17.6	7.891	3.224	2.172	0.5366
			0.0813	0.0299		0.0061
1974	0.2842	0.2115	9	3	0.02003	27
	0.0069	0.0053	0.0027	0.0016		0.0005
1975	93	48	88	73	0.001347	29
			0.0660	0.0254		0.0048
1976	0.1329	0.1137	5	9	0.01737	42
	0.0856	0.0669	0.0320			0.0038
1977	4	9	5	0.0131	0.008864	35
1978	142	110	46.77	17.74	11.87	2.931
				0.0960		0.0167
1979	0.6773	0.5263	0.2237	5	0.0665	2
1980	127	98.11	42.11	15.87	10.59	2.607
1981	4.302	3.394	1.948	0.7798	0.5295	0.1308
				0.0952		0.0180
1982	0.632	0.5047	0.2375	9	0.06381	5
1983	26.88	21.86	13.9	5.32	3.551	0.88
	0.0293	0.0230	0.0106	0.0049		0.0018
1984	8	6	2	44	0.004093	08
	0.0330	0.0269		0.0089		0.0018
1985	7	3	0.0132	37	0.006836	37
1986	8.813	6.788	2.882	1.105	0.7385	0.1828
				0.0585		0.0100
1987	0.4446	0.3441	0.149	5	0.03977	8
1988	8.039	6.393	2.945	1.143	0.7641	0.1889
						0.0305
1989	1.784	1.319	0.4953	0.1835	0.1228	1
1990	1.091	0.8901	0.508	0.2857	0.1914	0.0480

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	238	187	85.81	32.46	21.67	5.349
0.064516129	142	110	46.77	17.74	11.87	2.931
0.096774194	127	98.11	42.11	15.87	10.59	2.607
0.129032258	45.19	36.38	18.17	6.866	4.604	1.137
0.161290323	26.88	21.86	13.9	5.32	3.551	0.88
0.193548387	22.31	17.6	7.891	3.224	2.172	0.5366
0.225806452	8.813	6.788	3.065	1.208	0.8163	0.2025
0.258064516	8.039	6.393	2.945	1.143	0.7641	0.1889
0.290322581	7.514	6.065	2.882	1.105	0.7385	0.1828
0.322580645	4.302	3.394	1.948	0.7798	0.5295	0.1308
						0.0480
0.35483871	1.784	1.319	0.6112	0.2857	0.1914	6
						0.0396
0.387096774	1.552	1.286	0.569	0.2382	0.1601	6
						0.0387
0.419354839	1.479	1.189	0.508	0.2327	0.1562	9
						0.0305
0.451612903	1.131	0.8901	0.4953	0.1835	0.1228	1
						0.0246
0.483870968	1.091	0.8599	0.356	0.1314	0.09655	7
						0.0217
0.516129032	0.7828	0.6232	0.2998	0.1246	0.08781	4
				0.0960		0.0180
0.548387097	0.6773	0.5263	0.2375	5	0.0665	5
				0.0952		0.0167
0.580645161	0.632	0.5047	0.2237	9	0.06381	2
				0.0585		0.0100
0.612903226	0.4446	0.3441	0.149	5	0.03977	8
			0.0813	0.0299		0.0061
0.64516129	0.2842	0.2115	9	3	0.02003	27
			0.0660	0.0254		0.0048
0.677419355	0.1329	0.1137	5	9	0.01737	42
	0.0856	0.0669	0.0320			0.0038
0.709677419	4	9	5	0.0131	0.008864	35
	0.0710		0.0190	0.0104		0.0022
0.741935484	6	0.0513	2	8	0.007247	9
	0.0481	0.0362	0.0181	0.0089		0.0018
0.774193548	6	5	9	37	0.006836	37
	0.0330	0.0269		0.0072		0.0018
0.806451613	7	3	0.0132	81	0.00493	08
	0.0293	0.0230	0.0106	0.0049		0.0016
0.838709677	8	6	2	44	0.004093	34
	0.0227		0.0073	0.0028		0.0009
0.870967742	1	0.0169	66	36	0.001946	08
	0.0135		0.0056	0.0021		0.0008
0.903225806	7	0.0113	73	98	0.001506	99
	0.0095	0.0083	0.0043	0.0016		0.0005
0.935483871	63	24	42	73	0.001347	29
	0.0069	0.0053	0.0027	0.0016		0.0004
0.967741935	93	48	88	62	0.001108	82

0.1	118.81	91.937	39.716	14.969	9.9914	2.46
	9			6		
					Average of	
					yearly	0.4806
					averages:	36

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAgrapes

Metfile: w93193.dvf

PRZM scenario: CAgrapes_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	372.16	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-01	dd/mm or dd/mmm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		

	FEXTR		
	C	0.5	
Flag for Index Res.	IR	EPA Pond	
Run	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAgarlicN.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

Metfile: w23188.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	2.18E-	1.64E-	7.02E-	2.63E-		4.33E-
1961	05	05	06	06	1.76E-06	07
	0.0008	0.0006	0.0002	0.0001		1.71E-
1962	45	46	8	04	6.91E-05	05
1963	97.63	71.34	26.13	9.405	6.275	1.548
	0.0089	0.0084	0.0070	0.0049		0.0010
1964	07	62	49	28	0.003817	94
	0.0007	0.0005	0.0002	8.59E-		1.48E-
1965	41	66	34	05	5.73E-05	05
1966	83.59	60.62	22.63	8.169	5.45	1.344
	0.0106	0.0104	0.0091	0.0066		0.0015
1967	5	1	65	85	0.005255	24
	0.0002	0.0001	6.59E-	2.45E-		4.84E-
1968	08	54	05	05	1.63E-05	06
	0.0482	0.0359	0.0141	0.0051		0.0008
1969	9	3	4	46	0.00343	46
	0.0002	0.0001	6.82E-	2.49E-		5.73E-
1970	36	75	05	05	1.66E-05	06
1971	33.68	26	9.847	3.563	2.377	0.586
	0.0055	0.0054	0.0048	0.0035		0.0008
1972	91	91	95	35	0.002759	04
	0.0023	0.0017	0.0007	0.0002		4.34E-
1973	51	44	06	62	0.000174	05
						0.0578
1974	2.992	2.338	0.9533	0.3516	0.2345	2
	0.0011	0.0010	0.0007	0.0005		0.0001
1975	06	11	69	07	0.000389	11
	9.62E-	7.39E-	3.38E-	1.27E-		2.15E-
1976	05	05	05	05	8.49E-06	06
	0.0001	0.0001	4.14E-	1.51E-		2.49E-
1977	45	07	05	05	1.00E-05	06
	0.0063	0.0047	0.0018	0.0006		0.0001
1978	54	18	08	58	0.000439	08
1979	10.94	7.769	2.813	1.021	0.681	0.1679
1980	0.0019	0.0017	0.0013	0.0008	0.000669	0.0001

	21	33	03	58		91
	0.0002	0.0001	7.55E-	2.85E-		4.76E-
1981	13	57	05	05	1.90E-05	06
	0.0014	0.0010	0.0004	0.0001		2.47E-
1982	35	46	15	5	0.0001	05
	0.0001	0.0001	4.01E-	1.45E-		2.43E-
1983	48	07	05	05	9.66E-06	06
	1.50E-	1.11E-	4.36E-	1.65E-		2.76E-
1984	05	05	06	06	1.10E-06	07
	0.0243		0.0067	0.0024		0.0004
1985	7	0.0178	34	51	0.001634	03
1986	263	186	69.21	25.2	16.81	4.146
1987	204	143	50.55	18.3	12.21	3.014
	0.0192	0.0157	0.0135	0.0096		0.0025
1988	3	7	8	26	0.00755	12
	3.46E-	2.95E-	1.89E-	1.12E-		2.36E-
1989	05	05	05	05	8.47E-06	06
	9.38E-	8.76E-	7.03E-	4.79E-		1.06E-
1990	09	09	09	09	3.74E-09	09

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	263	186	69.21	25.2	16.81	4.146
0.064516129	204	143	50.55	18.3	12.21	3.014
0.096774194	97.63	71.34	26.13	9.405	6.275	1.548
0.129032258	83.59	60.62	22.63	8.169	5.45	1.344
0.161290323	33.68	26	9.847	3.563	2.377	0.586
0.193548387	10.94	7.769	2.813	1.021	0.681	0.1679
						0.0578
0.225806452	2.992	2.338	0.9533	0.3516	0.2345	2
	0.0482	0.0359	0.0141	0.0096		0.0025
0.258064516	9	3	4	26	0.00755	12
	0.0243		0.0135	0.0066		0.0015
0.290322581	7	0.0178	8	85	0.005255	24
	0.0192	0.0157	0.0091	0.0051		0.0010
0.322580645	3	7	65	46	0.003817	94
	0.0106	0.0104	0.0070	0.0049		0.0008
0.35483871	5	1	49	28	0.00343	46
	0.0089	0.0084	0.0067	0.0035		0.0008
0.387096774	07	62	34	35	0.002759	04
	0.0063	0.0054	0.0048	0.0024		0.0004
0.419354839	54	91	95	51	0.001634	03
	0.0055	0.0047	0.0018	0.0008		0.0001
0.451612903	91	18	08	58	0.000669	91
	0.0023	0.0017	0.0013	0.0006		0.0001
0.483870968	51	44	03	58	0.000439	11
	0.0019	0.0017	0.0007	0.0005		0.0001
0.516129032	21	33	69	07	0.000389	08
	0.0014	0.0010	0.0007	0.0002		4.34E-
0.548387097	35	46	06	62	0.000174	05
	0.0011	0.0010	0.0004	0.0001		2.47E-
0.580645161	06	11	15	5	0.0001	05
	0.0008	0.0006	0.0002	0.0001		1.71E-
0.612903226	45	46	8	04	6.91E-05	05

0.64516129	0.0007 41	0.0005 66	0.0002 34	8.59E- 05	5.73E-05	1.48E- 05
0.677419355	0.0002 36	0.0001 75	7.55E- 05	2.85E- 05	1.90E-05	5.73E- 06
0.709677419	0.0002 13	0.0001 57	6.82E- 05	2.49E- 05	1.66E-05	4.84E- 06
0.741935484	0.0002 08	0.0001 54	6.59E- 05	2.45E- 05	1.63E-05	4.76E- 06
0.774193548	0.0001 48	0.0001 07	4.14E- 05	1.51E- 05	1.00E-05	2.49E- 06
0.806451613	0.0001 45	0.0001 07	4.01E- 05	1.45E- 05	9.66E-06	2.43E- 06
0.838709677	9.62E- 05	7.39E- 05	3.38E- 05	1.27E- 05	8.49E-06	2.36E- 06
0.870967742	3.46E- 05	2.95E- 05	1.89E- 05	1.12E- 05	8.47E-06	2.15E- 06
0.903225806	2.18E- 05	1.64E- 05	7.02E- 06	2.63E- 06	1.76E-06	4.33E- 07
0.935483871	1.50E- 05	1.11E- 05	4.36E- 06	1.65E- 06	1.10E-06	2.76E- 07
0.967741935	9.38E- 09	8.76E- 09	7.03E- 09	4.79E- 09	3.74E-09	1.06E- 09
0.1	96.226	70.268	25.78	9.2814	6.1925	1.5276
					Average of yearly averages:	0.3623 81

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAGarlicN

Metfile: w23188.dvf
CAGarlicRLF_V2.

PRZM scenario: txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97 3.55E-	g/mol	
Henry's Law Const.	henry	03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife

Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	265.83	kg/ha	
Application Efficiency:	APPEF			
Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-09	dd/mm or dd/mm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAGarlic.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

Metfile: w23188.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
			0.0495	0.0213		0.0035
1961	0.1311	0.1015	7	8	0.01426	15
		0.0664	0.0333	0.0208		0.0095
1962	0.08696	2	2	3	0.01635	62
1963	5.524	3.815	1.429	0.5153	0.4037	0.1051
		0.0636	0.0387	0.0203		0.0111
1964	0.08188	2	9	1	0.01808	2
						0.0251
1965	0.6875	0.5457	0.2901	0.1143	0.07617	8
						0.0218
1966	0.7414	0.5377	0.2007	0.1166	0.08264	9

						0.0209
1967	0.4154	0.3273	0.1531	0.0859	0.05727	6
			0.0515	0.0313		0.0107
1968	0.1738	0.127	3	2	0.02515	8
1969	1.251	0.9219	0.3664	0.1364	0.09168	0.0271
				0.0889		0.0246
1970	0.7085	0.5237	0.2187	8	0.06392	4
						0.0299
1971	1.118	0.8057	0.316	0.1331	0.1006	4
				0.0909		0.0213
1972	0.513	0.4009	0.2273	8	0.06066	4
				0.0359		0.0109
1973	0.2501	0.1856	0.0928	9	0.024	5
				0.0829		0.0211
1974	0.3775	0.2936	0.125	4	0.05664	8
		0.0704	0.0329	0.0208		0.0069
1975	0.09305	6	1	2	0.01608	12
		0.0570	0.0436	0.0262		0.0115
1976	0.07413	6	5	8	0.01754	2
				0.0419		0.0161
1977	0.3083	0.2225	0.0889	5	0.03253	6
				0.0729		0.0165
1978	0.3851	0.3003	0.1197	7	0.04865	9
			0.0737	0.0310		0.0113
1979	0.2869	0.2037	6	8	0.0245	8
				0.0506		0.0114
1980	0.4123	0.3223	0.1297	5	0.03529	6
				0.0788		0.0181
1981	0.6718	0.4974	0.207	6	0.05258	7
				0.0658		0.0170
1982	0.5865	0.4273	0.163	9	0.04393	4
			0.0829	0.0329		0.0116
1983	0.1984	0.1429	9	3	0.02196	3
				0.0631		
1984	0.306	0.2336	0.1148	1	0.04305	0.0251
						0.0297
1985	1.194	0.8717	0.3668	0.1421	0.09472	1
1986	5.804	4.106	1.641	0.6484	0.4533	0.1174
						0.0412
1987	0.7299	0.5119	0.2487	0.1597	0.1226	4
						0.0276
1988	0.7945	0.5988	0.2483	0.1095	0.073	8
		0.0989		0.0240		0.0119
1989	0.129	9	0.0424	2	0.02081	6
			0.0617	0.0318		0.0097
1990	0.1632	0.1271	3	3	0.02343	86

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	5.804	4.106	1.641	0.6484	0.4533	0.1174
0.064516129	5.524	3.815	1.429	0.5153	0.4037	0.1051
						0.0412
0.096774194	1.251	0.9219	0.3668	0.1597	0.1226	4
0.129032258	1.194	0.8717	0.3664	0.1421	0.1006	0.0299

						4
						0.0297
0.161290323	1.118	0.8057	0.316	0.1364	0.09472	1
						0.0276
0.193548387	0.7945	0.5988	0.2901	0.1331	0.09168	8
0.225806452	0.7414	0.5457	0.2487	0.1166	0.08264	0.0271
						0.0251
0.258064516	0.7299	0.5377	0.2483	0.1143	0.07617	8
0.290322581	0.7085	0.5237	0.2273	0.1095	0.073	0.0251
				0.0909		0.0246
0.322580645	0.6875	0.5119	0.2187	8	0.06392	4
				0.0889		0.0218
0.35483871	0.6718	0.4974	0.207	8	0.06066	9
						0.0213
0.387096774	0.5865	0.4273	0.2007	0.0859	0.05727	4
				0.0829		0.0211
0.419354839	0.513	0.4009	0.163	4	0.05664	8
				0.0788		0.0209
0.451612903	0.4154	0.3273	0.1531	6	0.05258	6
				0.0729		0.0181
0.483870968	0.4123	0.3223	0.1297	7	0.04865	7
				0.0658		0.0170
0.516129032	0.3851	0.3003	0.125	9	0.04393	4
				0.0631		0.0165
0.548387097	0.3775	0.2936	0.1197	1	0.04305	9
				0.0506		0.0161
0.580645161	0.3083	0.2336	0.1148	5	0.03529	6
				0.0419		0.0119
0.612903226	0.306	0.2225	0.0928	5	0.03253	6
				0.0359		0.0116
0.64516129	0.2869	0.2037	0.0889	9	0.02515	3
			0.0829	0.0329		0.0115
0.677419355	0.2501	0.1856	9	3	0.0245	2
			0.0737	0.0318		0.0114
0.709677419	0.1984	0.1429	6	3	0.024	6
			0.0617	0.0313		0.0113
0.741935484	0.1738	0.1271	3	2	0.02343	8
			0.0515	0.0310		0.0111
0.774193548	0.1632	0.127	3	8	0.02196	2
			0.0495	0.0262		0.0109
0.806451613	0.1311	0.1015	7	8	0.02081	5
		0.0989	0.0436	0.0240		0.0107
0.838709677	0.129	9	5	2	0.01808	8
		0.0704		0.0213		0.0097
0.870967742	0.09305	6	0.0424	8	0.01754	86
		0.0664	0.0387	0.0208		0.0095
0.903225806	0.08696	2	9	3	0.01635	62
		0.0636	0.0333	0.0208		0.0069
0.935483871	0.08188	2	2	2	0.01608	12
		0.0570	0.0329	0.0203		0.0035
0.967741935	0.07413	6	1	1	0.01426	15
		0.9168	0.3667	0.1579		0.0401
0.1	1.2453	8	6	4	0.1204	1
					Average of	0.0242

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAgarlic

Metfile: w23188.dvf
CAGarlicRLF_V2

PRZM scenario: .txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	

Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	integer	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
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Application Rate:	TAPP	265.83	kg/ha	
	APPEF		fractio	

Application Efficiency:	F	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	15-09	dd/mm or dd/mm or dd-mm or dd-mmm	
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Record 17: FILTRA

IPSCN

D	1
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UPTKF	0
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PLVKR

Record 18:	T	0
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PLDKR

T	0
---	---

FEXTR

C	0.5
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Flag for Index Res.	IR	EPA Pond
Run	RUNOF	
Flag for runoff calc.	F	none none, monthly or total(average of entire run)

stored as **CAfruitN.out**

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at
CAfruit_WirrigSTD.txt 13:42:32

EXAMS environment:
pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 10:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	26.85	22.25	10.57	3.987	2.661	0.6566
			0.0710	0.0269		0.0044
1962	0.1548	0.1333	2	6	0.01799	42
1963	15.04	12.42	5.536	2.053	1.37	0.3381
	1.86E-	1.74E-	1.41E-	9.86E-		2.14E-
1964	05	05	05	06	7.69E-06	06
	9.56E-	7.27E-	3.00E-	1.09E-		1.81E-
1965	06	06	06	06	7.30E-07	07
	2.09E-	2.03E-	1.80E-	1.30E-		2.77E-
1966	11	11	11	11	1.01E-11	12
1967	19.34	15.61	7.613	2.976	1.987	0.4904
	0.0037	0.0029	0.0013	0.0005		8.39E-
1968	78	95	51	02	0.000339	05
1969	721	567	257	96.21	64.22	15.85
1970	150	126	64.87	24.54	16.38	4.042
	9.21E-	9.05E-	8.15E-	5.94E-		1.31E-
1971	05	05	05	05	4.65E-05	05
						0.0317
1972	1.523	1.188	0.5197	0.1934	0.129	5
1973	9.354	7.361	3.66	1.4	0.935	0.2307
1974	97.89	80.38	39.67	15.33	10.24	2.526
1975	8.184	6.669	3.271	1.264	0.8442	0.2084
1976	1.399	1.183	0.5555	0.2119	0.1414	0.0348
1977	149	120	57.02	21.94	14.64	3.614
1978	33.02	25.42	11.71	4.414	2.946	0.727
1979	21.93	17.21	9.609	3.679	2.456	0.6059
1980	48.77	39.01	18.18	6.764	4.514	1.111
1981	5.744	4.532	2.507	0.9566	0.6384	0.1575
1982	346	277	129	49.43	33	8.146
1983	82.39	66.09	35.88	13.65	9.109	2.248
			0.0849	0.0317		0.0052
1984	0.2378	0.1878	3	1	0.02116	1
				0.0532		0.0087
1985	0.3482	0.2836	0.1389	3	0.03552	63
1986	0.7874	0.6291	0.2927	0.1978	0.1324	0.0326

1987	241	198	92.22	35.14	23.46	5.789
1988	24.61	21.18	9.984	3.822	2.552	0.6282
1989	92.45	76.81	39.78	15.9	10.62	2.62
1990	146	120	62.82	24.2	16.16	3.987

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	721	567	257	96.21	64.22	15.85
0.064516129	346	277	129	49.43	33	8.146
0.096774194	241	198	92.22	35.14	23.46	5.789
0.129032258	150	126	64.87	24.54	16.38	4.042
0.161290323	149	120	62.82	24.2	16.16	3.987
0.193548387	146	120	57.02	21.94	14.64	3.614
0.225806452	97.89	80.38	39.78	15.9	10.62	2.62
0.258064516	92.45	76.81	39.67	15.33	10.24	2.526
0.290322581	82.39	66.09	35.88	13.65	9.109	2.248
0.322580645	48.77	39.01	18.18	6.764	4.514	1.111
0.35483871	33.02	25.42	11.71	4.414	2.946	0.727
0.387096774	26.85	22.25	10.57	3.987	2.661	0.6566
0.419354839	24.61	21.18	9.984	3.822	2.552	0.6282
0.451612903	21.93	17.21	9.609	3.679	2.456	0.6059
0.483870968	19.34	15.61	7.613	2.976	1.987	0.4904
0.516129032	15.04	12.42	5.536	2.053	1.37	0.3381
0.548387097	9.354	7.361	3.66	1.4	0.935	0.2307
0.580645161	8.184	6.669	3.271	1.264	0.8442	0.2084
0.612903226	5.744	4.532	2.507	0.9566	0.6384	0.1575
0.64516129	1.523	1.188	0.5555	0.2119	0.1414	0.0348
0.677419355	1.399	1.183	0.5197	0.1978	0.1324	0.0326
0.709677419	0.7874	0.6291	0.2927	0.1934	0.129	0.0317
0.741935484	0.3482	0.2836	0.1389	0.0532	0.03552	0.0087
0.774193548	0.2378	0.1878	0.0849	3	0.02116	63
0.806451613	0.1548	0.1333	0.0317	0.0317	0.01799	0.0052
0.838709677	0.0037	0.0029	3	1	0.000339	1
0.870967742	78	95	0.0710	0.0269	0.01799	0.0044
0.903225806	9.21E-05	9.05E-05	2	6	0.01799	42
0.935483871	1.86E-05	1.74E-05	0.0013	0.0005	0.000339	8.39E-05
0.967741935	2.09E-11	2.03E-11	8.15E-05	5.94E-05	4.65E-05	1.31E-05
0.1	231.9	190.8	89.485	34.08	22.752	5.6143
Average of						1.8031

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAfruitN

Metfile: w93193.dvf

PRZM scenario: CAfruit_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	412.1	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Feb	dd/mm or dd/mm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		

Flag for runoff calc.	RUNO FF	none	none, monthly or total(average of entire run)
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stored as **CAfruit.out**

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at
CAfruit_WirrigSTD.txt 13:42:32

EXAMS environment: modified Thuday, 29 August 2002 at 16:33:30
pond298.exv modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 10:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
						0.0467
1961	1.889	1.566	0.744	0.2806	0.1873	9
			0.484			0.0308
1962	1.227	1.01	1	0.1866	0.1246	5
			0.098	0.0378		0.0064
1963	0.2517	0.1977	71	5	0.0259	43
		0.0067	0.002	0.0013		0.0003
1964	0.0102	45	71	22	0.000982	95
			0.245	0.0903		0.0149
1965	0.7824	0.5949	6	9	0.06036	5
	0.0095	0.0063	0.002	0.0012		0.0004
1966	39	14	52	27	0.00095	41
			0.259			0.0200
1967	0.6115	0.4936	6	0.1071	0.07949	8
			0.037	0.0164		0.0034
1968	0.1057	0.0838	73	1	0.01118	24
1969	7.174	5.634	3.422	1.358	0.9098	0.2246
1970	15.57	13.14	7.325	2.798	1.871	0.4618
			0.037	0.0144		0.0027
1971	0.1411	0.1018	56	6	0.01025	55
			0.067			0.0049
1972	0.1977	0.1541	43	0.0251	0.0171	41
						0.0265
1973	1.015	0.7925	0.348	0.1531	0.1073	9
1974	34.22	29.49	14.02	5.454	3.643	0.8991
			0.139	0.0540		0.0089
1975	0.3499	0.2852	9	7	0.0362	63
			0.070	0.0270		0.0046
1976	0.1505	0.1193	01	1	0.01804	52
1977	94.49	76.12	36.21	13.93	9.299	2.296
1978	11.56	8.898	5.992	2.603	1.754	0.4343
						0.0891
1979	2.57	2.028	1.313	0.5376	0.3605	7
1980	10.98	8.935	5.334	2.129	1.426	0.351
	0.0854	0.0673	0.034	0.0140		0.0025
1981	1	7	87	5	0.009553	66
1982	116	92.41	43.13	16.52	11.05	2.73
1983	2.585	2.129	1.425	0.5791	0.3878	0.0964

			0.063	0.0238		0.0048
1984	0.1787	0.1411	82	2	0.01622	86
	0.0877	0.0714	0.035	0.0134		0.0027
1985	7	9	02	2	0.009334	81
			0.618			0.0508
1986	1.361	1.048	3	0.281	0.2047	4
1987	26.62	22.52	10.67	4.125	2.762	0.682
1988	7.189	6.026	2.899	1.118	0.7501	0.1875
1989	12	9.974	5.165	2.09	1.426	0.3532
						0.0777
1990	2.867	2.345	1.207	0.4676	0.3122	7

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	116	92.41	43.13	16.52	11.05	2.73
0.064516129	94.49	76.12	36.21	13.93	9.299	2.296
0.096774194	34.22	29.49	14.02	5.454	3.643	0.8991
0.129032258	26.62	22.52	10.67	4.125	2.762	0.682
0.161290323	15.57	13.14	7.325	2.798	1.871	0.4618
0.193548387	12	9.974	5.992	2.603	1.754	0.4343
0.225806452	11.56	8.935	5.334	2.129	1.426	0.3532
0.258064516	10.98	8.898	5.165	2.09	1.426	0.351
0.290322581	7.189	6.026	3.422	1.358	0.9098	0.2246
0.322580645	7.174	5.634	2.899	1.118	0.7501	0.1875
0.35483871	2.867	2.345	1.425	0.5791	0.3878	0.0964
						0.0891
0.387096774	2.585	2.129	1.313	0.5376	0.3605	7
						0.0777
0.419354839	2.57	2.028	1.207	0.4676	0.3122	7
						0.0508
0.451612903	1.889	1.566	0.744	0.281	0.2047	4
			0.618			0.0467
0.483870968	1.361	1.048	3	0.2806	0.1873	9
			0.484			0.0308
0.516129032	1.227	1.01	1	0.1866	0.1246	5
						0.0265
0.548387097	1.015	0.7925	0.348	0.1531	0.1073	9
			0.259			0.0200
0.580645161	0.7824	0.5949	6	0.1071	0.07949	8
			0.245	0.0903		0.0149
0.612903226	0.6115	0.4936	6	9	0.06036	5
			0.139	0.0540		0.0089
0.64516129	0.3499	0.2852	9	7	0.0362	63
			0.098	0.0378		0.0064
0.677419355	0.2517	0.1977	71	5	0.0259	43
			0.070	0.0270		0.0049
0.709677419	0.1977	0.1541	01	1	0.01804	41
			0.067			0.0048
0.741935484	0.1787	0.1411	43	0.0251	0.0171	86
			0.063	0.0238		0.0046
0.774193548	0.1505	0.1193	82	2	0.01622	52
0.806451613	0.1411	0.1018	0.037	0.0164	0.01118	0.0034

			73	1		24
			0.037	0.0144		0.0027
0.838709677	0.1057	0.0838	56	6	0.01025	81
	0.0877	0.0714	0.035	0.0140		0.0027
0.870967742	7	9	02	5	0.009553	55
	0.0854	0.0673	0.034	0.0134		0.0025
0.903225806	1	7	87	2	0.009334	66
		0.0067	0.002	0.0013		0.0004
0.935483871	0.0102	45	71	22	0.000982	41
	0.0095	0.0063	0.002	0.0012		0.0003
0.967741935	39	14	52	27	0.00095	95
			13.68			0.8773
0.1	33.46	28.793	5	5.3211	3.5549	9
					Average of yearly averages:	0.3038 4

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAfruit

Metfile: w93193.dvf

PRZM scenario: CAfruit_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege r	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	412.1	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	

Spray Drift	DRFT	0	fraction of application rate applied to pond
Application Date	Date	1-Feb	dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAforestN.out**

Chemical: telone

PRZM environment:

CAForestryRLF.txt modified Tuesday, 20 February 2007 at 12:06:10

EXAMS environment:

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

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	9.188	7.242	2.988	1.098	0.7326	0.1809
1962	132	106	50.57	19.02	12.7	3.135
				0.523		
1963	4.558	3.596	1.441	5	0.3493	0.08624
1964	405	304	122	46.82	31.25	7.697
1965	91.74	72.73	40.53	15.65	10.46	2.584
1966	479	395	191	72.22	48.23	11.91
1967	95.1	77.37	42.83	19.38	12.99	3.211
1968	406	307	130	47.96	32	7.88
1969	255	202	93.51	35.14	23.45	5.79
1970	44.5	34	14.73	5.55	3.709	0.9161
1971	115	89.3	38.81	14.54	9.707	2.397
1972	59.63	49.89	22.49	8.491	5.671	1.397
1973	8.836	7.236	3.973	1.517	1.013	0.2501
1974	290	234	109	41.25	27.54	6.801
1975	236	195	99.37	39.08	26.09	6.443
1976	30.07	23.76	10.76	4.165	2.787	0.6865
1977	17.5	14.08	6.677	2.573	1.72	0.4248
1978	11.58	8.767	4.111	1.532	1.023	0.2525
1979	65.46	54.55	25.62	9.683	6.467	1.597
1980	84.63	67.86	31.9	12.19	8.139	2.004

1981	309	239	103	38.74	25.86	6.384
1982	7.613	5.98	2.672	1.02	0.6811	0.1682
1983	126	106	46.8	17.15	11.44	2.825
1984	12.39	9.653	4.227	1.572	1.049	0.2583
1985	207	166	77.71	29.59	19.76	4.88
1986	19.92	17.27	9.562	3.747	2.502	0.6179
1987	453	388	179	66.77	44.57	11.01
1988	32.38	25.79	11.9	4.512	3.014	0.7423
1989	99.37	81.95	40.55	15.89	10.61	2.621
1990	113	89.32	42.47	16.09	10.75	2.654

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	479	395	191	72.22	48.23	11.91
0.064516129	453	388	179	66.77	44.57	11.01
0.096774194	406	307	130	47.96	32	7.88
0.129032258	405	304	122	46.82	31.25	7.697
0.161290323	309	239	109	41.25	27.54	6.801
0.193548387	290	234	103	39.08	26.09	6.443
0.225806452	255	202	99.37	38.74	25.86	6.384
0.258064516	236	195	93.51	35.14	23.45	5.79
0.290322581	207	166	77.71	29.59	19.76	4.88
0.322580645	132	106	50.57	19.38	12.99	3.211
0.35483871	126	106	46.8	19.02	12.7	3.135
0.387096774	115	89.32	42.83	17.15	11.44	2.825
0.419354839	113	89.3	42.47	16.09	10.75	2.654
0.451612903	99.37	81.95	40.55	15.89	10.61	2.621
0.483870968	95.1	77.37	40.53	15.65	10.46	2.584
0.516129032	91.74	72.73	38.81	14.54	9.707	2.397
0.548387097	84.63	67.86	31.9	12.19	8.139	2.004
0.580645161	65.46	54.55	25.62	9.683	6.467	1.597
0.612903226	59.63	49.89	22.49	8.491	5.671	1.397
0.64516129	44.5	34	14.73	5.55	3.709	0.9161
0.677419355	32.38	25.79	11.9	4.512	3.014	0.7423
0.709677419	30.07	23.76	10.76	4.165	2.787	0.6865
0.741935484	19.92	17.27	9.562	3.747	2.502	0.6179
0.774193548	17.5	14.08	6.677	2.573	1.72	0.4248
0.806451613	12.39	9.653	4.227	1.572	1.049	0.2583
0.838709677	11.58	8.767	4.111	1.532	1.023	0.2525
0.870967742	9.188	7.242	3.973	1.517	1.013	0.2501
0.903225806	8.836	7.236	2.988	1.098	0.7326	0.1809
0.935483871	7.613	5.98	2.672	1.02	0.6811	0.1682
0.967741935	4.558	3.596	1.441	0.523		
				5	0.3493	0.08624
				47.84		
0.1	405.9	306.7	129.2	6	31.925	7.8617
					Average of	3.26012
					yearly	8

averages:

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAforestN

Metfile: w24283.dvf
CAForestryRLF.t

PRZM scenario: xt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
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		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		

Henry's Law Const.	henry	-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Half-life
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Anaerobic Aquatic Metabolism	kbacs	60	days	Half-life
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Aerobic Soil Metabolism	asm	97.6	days	Half-life
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	r	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
		622.1		

Application Rate:	TAPP	6	kg/ha	
	APPEF		fraction	

Application Efficiency:	F	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	1-Jan	dd/mm or dd/mm/ or dd-mm or dd-mmm	
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Record 17:	FILTRA			
	IPSCN			

	D	1		
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	UPTKF	0		
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	PLVKR			
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Record 18:	T	0		
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	PLDKR			
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	T	0		
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	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

stored as **CAforest.out**

Chemical: telone

PRZM environment:

CAForestryRLF.txt

modified Tuesday, 20 February 2007 at 12:06:10

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w24283.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.329	6.073	3.964	1.651	1.145	0.2873
1962	13	10.46	4.941	1.998	1.335	0.3324
		0.635	0.343	0.173		
1963	0.8618	5	5	1	0.1926	0.04816
1964	90.99	68.31	30.83	12.64	8.532	2.103
1965	47.36	37.52	17.99	7.555	5.055	1.273
1966	186	159	79.85	31.17	20.99	5.186
1967	9.592	7.884	5.39	3.099	2.248	0.5642
1968	45.8	34.64	15.89	6.317	4.242	1.046
1969	54.86	43.51	23.78	9.52	6.367	1.572
1970	12.11	10.24	5.594	2.763	1.903	0.4706
1971	8.836	6.93	3.996	1.567	1.227	0.3073
1972	22.45	17.87	8.494	3.586	2.413	0.5944
				0.987		
1973	6.211	5.206	2.492	4	0.8118	0.2019
1974	26.61	22.44	10.4	4.464	3.187	0.7921
1975	23.65	19.65	12.81	6.171	4.53	1.128
1976	6.13	4.845	2.194	1.197	0.8617	0.2166
			0.892			
1977	2.34	1.883	6	0.352	0.267	0.06766
1978	3.829	3.062	1.621	1.151	0.8206	0.2053
				0.943		
1979	4.794	3.793	1.921	3	0.6431	0.1687
				0.794		
1980	4.014	3.219	1.604	1	0.6906	0.1821
1981	35.18	27.45	12.31	4.728	3.168	0.7823
			0.818	0.674		
1982	2.191	1.721	8	5	0.5759	0.1555
1983	10.32	8.061	4.305	1.913	1.371	0.3501
		0.726	0.476	0.225		
1984	0.9377	8	1	8	0.1533	0.03845
1985	6.435	5.152	2.465	0.956	0.6405	0.1582

1986	17.5	13.44	6.642	3.439	2.409	0.5968
1987	211	178	85.74	32.84	22.07	5.452
1988	20.71	16.6	9.657	3.887	2.598	0.6409
1989	15.09	12.7	7.668	3.652	2.508	0.623
1990	40.49	33.6	15.46	6.088	4.166	1.03

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	211	178	85.74	32.84	22.07	5.452
0.064516129	186	159	79.85	31.17	20.99	5.186
0.096774194	90.99	68.31	30.83	12.64	8.532	2.103
0.129032258	54.86	43.51	23.78	9.52	6.367	1.572
0.161290323	47.36	37.52	17.99	7.555	5.055	1.273
0.193548387	45.8	34.64	15.89	6.317	4.53	1.128
0.225806452	40.49	33.6	15.46	6.171	4.242	1.046
0.258064516	35.18	27.45	12.81	6.088	4.166	1.03
0.290322581	26.61	22.44	12.31	4.728	3.187	0.7921
0.322580645	23.65	19.65	10.4	4.464	3.168	0.7823
0.35483871	22.45	17.87	9.657	3.887	2.598	0.6409
0.387096774	20.71	16.6	8.494	3.652	2.508	0.623
0.419354839	17.5	13.44	7.668	3.586	2.413	0.5968
0.451612903	15.09	12.7	6.642	3.439	2.409	0.5944
0.483870968	13	10.46	5.594	3.099	2.248	0.5642
0.516129032	12.11	10.24	5.39	2.763	1.903	0.4706
0.548387097	10.32	8.061	4.941	1.998	1.371	0.3501
0.580645161	9.592	7.884	4.305	1.913	1.335	0.3324
0.612903226	8.836	6.93	3.996	1.651	1.227	0.3073
0.64516129	7.329	6.073	3.964	1.567	1.145	0.2873
0.677419355	6.435	5.206	2.492	1.197	0.8617	0.2166
0.709677419	6.211	5.152	2.465	1.151	0.8206	0.2053
0.741935484	6.13	4.845	2.194	0.987	0.8118	0.2019
0.774193548	4.794	3.793	1.921	0.956	0.6906	0.1821
0.806451613	4.014	3.219	1.621	0.943	0.6431	0.1687
0.838709677	3.829	3.062	1.604	0.794	0.6405	0.1582
0.870967742	2.34	1.883	0.892	0.674	0.5759	0.1555
0.903225806	2.191	1.721	0.818	0.5	0.267	0.06766
0.935483871	0.9377	0.726	0.476	0.352	0.1926	0.04816
0.967741935	0.8618	0.635	0.4	0.225	0.1533	0.03845
0.1	87.377	65.83	30.12	12.32	8.3155	2.0499

Average of
yearly
averages: 0.88579
9

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAforest

Metfile: w24283.dvf
CAForestryRLF.t

PRZM scenario: xt
EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		
Henry's Law Const.	henry	-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		622.1		
Application Rate:	TAPP	6	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mm or dd-mm or dd-mm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		

	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

stored as **CAcucumberN.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
	0.0001	7.68E-05	2.88E-05	1.03E-05		1.69E-06
1961	13	05	05	05	6.86E-06	06
	2.87E-05	1.98E-05	6.89E-06	2.45E-06		4.03E-07
1962	05	05	06	06	1.63E-06	07
	3.77E-05	2.75E-05	9.43E-06	3.34E-06		5.50E-07
1963	05	05	06	06	2.23E-06	07
	8.50E-06	5.81E-06	1.99E-06	7.03E-07		1.15E-07
1964	06	06	06	07	4.69E-07	07
	0.0001	8.65E-05	2.99E-05	1.06E-05		1.75E-06
1965	29	05	05	05	7.08E-06	06
	2.12E-05	1.53E-05	5.23E-06	1.85E-06		3.05E-07
1966	05	05	06	06	1.24E-06	07
	0.0005	0.0004	0.0001	6.44E-05		1.06E-05
1967	57	45	81	05	4.30E-05	05
	0.0001	8.60E-05	2.95E-05	1.05E-05		1.72E-06
1968	25	05	05	05	6.97E-06	06
	7.36E-05	4.88E-05	1.58E-05	5.60E-06		9.22E-07
1969	05	05	05	06	3.74E-06	07
	6.04E-05	4.12E-05	1.40E-05	4.97E-06		8.17E-07
1970	05	05	05	06	3.31E-06	07
1971	19.96	14.01	4.978	1.871	1.248	0.3079
	0.0038	0.0026	0.0008	0.0003		6.05E-05
1972	94	25	6	06	0.000206	05
	0.0002	0.0001	6.91E-05	2.46E-05		4.06E-06
1973	24	52	05	05	1.64E-05	06
	6.74E-05	4.58E-05	1.52E-05	5.39E-06		8.88E-07
1974	05	05	05	06	3.60E-06	07
	0.0001	7.63E-05	2.67E-05	9.51E-06		1.57E-06
1975	09	05	05	06	6.34E-06	06
	0.0001	8.36E-05	3.42E-05	1.22E-05		2.00E-06
1976	23	05	05	05	8.11E-06	06
1977	41.17	28.59	9.842	3.496	2.332	0.5751
1978	0.0001	0.0001	9.17E-05	6.63E-05	5.24E-05	1.62E-05

	16	1	05	05		05
	0.0001	0.0001	3.53E-	1.25E-		2.06E-
1979	62	08	05	05	8.31E-06	06
	6.41E-	4.23E-	1.35E-	4.76E-		7.81E-
1980	05	05	05	06	3.17E-06	07
	5.97E-	4.55E-	1.46E-	5.13E-		8.43E-
1981	05	05	05	06	3.42E-06	07
	0.0001	7.94E-	2.54E-	8.97E-		1.48E-
1982	2	05	05	06	5.98E-06	06
	9.67E-	6.41E-	2.06E-	7.33E-		1.21E-
1983	05	05	05	06	4.89E-06	06
	0.0009	0.0006	0.0001	7.03E-		1.15E-
1984	51	24	99	05	4.69E-05	05
	0.0075	0.0050	0.0016	0.0005		9.51E-
1985	49	49	33	78	0.000385	05
	2.09E-	1.40E-	4.64E-	1.64E-		2.75E-
1986	05	05	06	06	1.10E-06	07
1987	393	273	94.44	33.56	22.38	5.521
	0.0014	0.0013	0.0011	0.0008		0.0001
1988	46	92	96	96	0.000707	97
1989	220	149	49.18	17.43	11.62	2.866
						0.0712
1990	5.349	3.734	1.221	0.4325	0.2884	4

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	393	273	94.44	33.56	22.38	5.521
0.064516129	220	149	49.18	17.43	11.62	2.866
0.096774194	41.17	28.59	9.842	3.496	2.332	0.5751
0.129032258	19.96	14.01	4.978	1.871	1.248	0.3079
						0.0712
0.161290323	5.349	3.734	1.221	0.4325	0.2884	4
	0.0075	0.0050	0.0016	0.0008		0.0001
0.193548387	49	49	33	96	0.000707	97
	0.0038	0.0026	0.0011	0.0005		9.51E-
0.225806452	94	25	96	78	0.000385	05
	0.0014	0.0013	0.0008	0.0003		6.05E-
0.258064516	46	92	6	06	0.000206	05
	0.0009	0.0006	0.0001	7.03E-		1.62E-
0.290322581	51	24	99	05	5.24E-05	05
	0.0005	0.0004	0.0001	6.63E-		1.15E-
0.322580645	57	45	81	05	4.69E-05	05
	0.0002	0.0001	9.17E-	6.44E-		1.06E-
0.35483871	24	52	05	05	4.30E-05	05
	0.0001	0.0001	6.91E-	2.46E-		4.06E-
0.387096774	62	1	05	05	1.64E-05	06
	0.0001	0.0001	3.53E-	1.25E-		2.06E-
0.419354839	29	08	05	05	8.31E-06	06
	0.0001	8.65E-	3.42E-	1.22E-		2.00E-
0.451612903	25	05	05	05	8.11E-06	06
	0.0001	8.60E-	2.99E-	1.06E-		1.75E-
0.483870968	23	05	05	05	7.08E-06	06
	0.0001	8.36E-	2.95E-	1.05E-		1.72E-
0.516129032	2	05	05	05	6.97E-06	06

0.548387097	0.0001	7.94E-05	2.88E-05	1.03E-05	6.86E-06	1.69E-06
0.580645161	0.0001	7.68E-05	2.67E-05	9.51E-06	6.34E-06	1.57E-06
0.612903226	0.0001	7.63E-05	2.54E-05	8.97E-06	5.98E-06	1.48E-06
0.64516129	9.67E-05	6.41E-05	2.06E-05	7.33E-06	4.89E-06	1.21E-06
0.677419355	7.36E-05	4.88E-05	1.58E-05	5.60E-06	3.74E-06	9.22E-07
0.709677419	6.74E-05	4.58E-05	1.52E-05	5.39E-06	3.60E-06	8.88E-07
0.741935484	6.41E-05	4.55E-05	1.46E-05	5.13E-06	3.42E-06	8.43E-07
0.774193548	6.04E-05	4.23E-05	1.40E-05	4.97E-06	3.31E-06	8.17E-07
0.806451613	5.97E-05	4.12E-05	1.35E-05	4.76E-06	3.17E-06	7.81E-07
0.838709677	3.77E-05	2.75E-05	9.43E-06	3.34E-06	2.23E-06	5.50E-07
0.870967742	2.87E-05	1.98E-05	6.89E-06	2.45E-06	1.63E-06	4.03E-07
0.903225806	2.12E-05	1.53E-05	5.23E-06	1.85E-06	1.24E-06	3.05E-07
0.935483871	2.09E-05	1.40E-05	4.64E-06	1.64E-06	1.10E-06	2.75E-07
0.967741935	8.50E-06	5.81E-06	1.99E-06	7.03E-07	4.69E-07	1.15E-07
0.1	39.049	27.132	9.3556	3.3335	2.2236	0.54838
Average of yearly averages:						0.311388

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcucumberN

Metfile: w93193.dvf
CAMElonsRLF_V
2.txt

PRZM scenario:
EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	

Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	372.16	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	5-Feb	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAcucumber.out**

Chemical: telone

PRZM modified Wedday, 26 March 2008 at 09:33:26

environment:

CAMelonsRLF_V2.

txt

EXAMS modified Thuday, 29 August 2002 at 16:33:30

environment:

pond298.exv

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	0.1972	0.1393	0.09393	0.04769	0.03283	0.00941
1962	0.7482	0.5143	0.2061	0.0886	0.06138	0.0155
1963	0.2099	0.1464	0.07268	0.03504	0.02402	0.009828
1964	1.172	0.7846	0.4111	0.2017	0.1381	0.03614
1965	0.08442	0.06027	0.04997	0.02833	0.01938	0.005868
1966	0.154	0.1218	0.05831	0.03104	0.02154	0.008122

1967	0.9512	0.6687	0.2488	0.1089	0.07471	0.0205
1968	0.8573	0.5796	0.3743	0.2008	0.1385	0.03795
1969	0.9406	0.6688	0.2473	0.1007	0.06921	0.01791
1970	0.8877	0.606	0.2238	0.09296	0.06422	0.01871
1971	1.857	1.303	0.4642	0.1782	0.1681	0.04917
1972	0.697	0.466	0.1563	0.0981	0.0773	0.02369
1973	0.8862	0.6207	0.2285	0.09172	0.06434	0.01735
1974	0.7993	0.5447	0.2007	0.08176	0.05826	0.01807
1975	1.126	0.8032	0.3498	0.1756	0.1226	0.03182
1976	0.6509	0.4445	0.1714	0.07392	0.079	0.02425
1977	4.202	2.918	1.004	0.3906	0.2973	0.07655
1978	0.185	0.1322	0.08705	0.03943	0.02989	0.01023
1979	0.99	0.6587	0.2369	0.09726	0.07037	0.02061
1980	1.021	0.6869	0.2492	0.09869	0.06903	0.01841
1981	1.051	0.6908	0.2554	0.1193	0.0851	0.02248
1982	1.068	0.7105	0.2481	0.09786	0.07451	0.02636
1983	0.7968	0.5283	0.1845	0.07765	0.05495	0.01676
1984	0.9934	0.6541	0.246	0.1106	0.07625	0.02255
1985	0.5704	0.3875	0.1798	0.08017	0.05714	0.01551
1986	1.008	0.7131	0.2589	0.1078	0.0766	0.02179
1987	0.3488	0.2428	0.08391	0.03541	0.04161	0.01204
1988	1.033	0.7033	0.25	0.1056	0.07265	0.01909
1989	1.139	0.7634	0.2955	0.124	0.1022	0.0318
1990	1.09	0.7249	0.2726	0.113	0.1261	0.03269

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	4.202	2.918	1.004	0.3906	0.2973	0.07655
0.064516129	1.857	1.303	0.4642	0.2017	0.1681	0.04917
0.096774194	1.172	0.8032	0.4111	0.2008	0.1385	0.03795
0.129032258	1.139	0.7846	0.3743	0.1782	0.1381	0.03614
0.161290323	1.126	0.7634	0.3498	0.1756	0.1261	0.03269
0.193548387	1.09	0.7249	0.2955	0.124	0.1226	0.03182
0.225806452	1.068	0.7131	0.2726	0.1193	0.1022	0.0318
0.258064516	1.051	0.7105	0.2589	0.113	0.0851	0.02636
0.290322581	1.033	0.7033	0.2554	0.1106	0.079	0.02425
0.322580645	1.021	0.6908	0.25	0.1089	0.0773	0.02369
0.35483871	1.008	0.6869	0.2492	0.1078	0.0766	0.02255
0.387096774	0.9934	0.6688	0.2488	0.1056	0.07625	0.02248
0.419354839	0.99	0.6687	0.2481	0.1007	0.07471	0.02179
0.451612903	0.9512	0.6587	0.2473	0.09869	0.07451	0.02061
0.483870968	0.9406	0.6541	0.246	0.0981	0.07265	0.0205
0.516129032	0.8877	0.6207	0.2369	0.09786	0.07037	0.01909
0.548387097	0.8862	0.606	0.2285	0.09726	0.06921	0.01871
0.580645161	0.8573	0.5796	0.2238	0.09296	0.06903	0.01841
0.612903226	0.7993	0.5447	0.2061	0.09172	0.06434	0.01807
0.64516129	0.7968	0.5283	0.2007	0.0886	0.06422	0.01791
0.677419355	0.7482	0.5143	0.1845	0.08176	0.06138	0.01735
0.709677419	0.697	0.466	0.1798	0.08017	0.05826	0.01676
0.741935484	0.6509	0.4445	0.1714	0.07765	0.05714	0.01551
0.774193548	0.5704	0.3875	0.1563	0.07392	0.05495	0.0155

0.806451613	0.3488	0.2428	0.09393	0.04769	0.04161	0.01204
0.838709677	0.2099	0.1464	0.08705	0.03943	0.03283	0.01023
0.870967742	0.1972	0.1393	0.08391	0.03541	0.02989	0.009828
0.903225806	0.185	0.1322	0.07268	0.03504	0.02402	0.00941
0.935483871	0.154	0.1218	0.05831	0.03104	0.02154	0.008122
0.967741935	0.08442	0.06027	0.04997	0.02833	0.01938	0.005868

0.1	1.1687	0.80134	0.40742	0.19854	0.13846	0.037769
					Average	0.023039
					of yearly	
					averages:	

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcucumber

Metfile: w93193.dvf

PRZM scenario: CAMelonsRLF_V2.tx
t

EXAMS pond298.exv

environment file:

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	110.97	g/mol	
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Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	integer	See PRZM manual
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Incorporation	DEPI	30	cm	
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Depth:				
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Application Rate:	TAPP	372.16	kg/ha	
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Application Efficiency:	APPEFF	1	fraction	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	5-Feb	dd/mm or dd/mm or dd-mm or dd-mm	
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Record 17:	FILTRA			
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	IPSCND	1		
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	UPTKF	0		
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Record 18:	PLVKRT	0		
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	PLDKRT	0		
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FEXTRC 0.5
Flag for Index Res. IR EPA
Run Pond
Flag for runoff calc. RUNOFF none none, monthly or total(average of entire run)

stored as **CAcottonN.out**

Chemical: telone

PRZM environment:

CAcotton_WirrigSTD.t modified Tuesday, 29 May 2007 at
xt 13:42:12

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	17.2	12.75	4.887	1.756	1.171	0.2889
	0.0092	0.0069	0.0025	0.0009		0.0001
1962	31	67	52	08	0.000607	58
1963	37.05	27.75	12.75	4.588	3.06	0.7549
	0.0001	0.0001	0.0001	9.72E-		2.33E-
1964	83	72	39	05	7.58E-05	05
	0.0015	0.0010	0.0003	0.0001		2.10E-
1965	08	43	59	27	8.50E-05	05
	0.0046	0.0033	0.0012	0.0004		7.23E-
1966	91	81	31	39	0.000293	05
1967	208	163	66.22	23.83	15.9	3.922
	0.0130	0.0090	0.0031	0.0011		0.0002
1968	6	72	21	21	0.000774	59
	0.0031	0.0022	0.0007	0.0002		4.61E-
1969	96	82	9	8	0.000187	05
	0.0017	0.0012	0.0004	0.0001		2.65E-
1970	64	83	53	61	0.000107	05
1971	219	158	58.4	20.91	13.95	3.44
	0.0006	0.0005	0.0004	0.0003		9.00E-
1972	55	4	95	65	0.000283	05
	0.0018	0.0013	0.0004	0.0001		2.94E-
1973	3	48	99	78	0.000119	05
	0.0013	0.0009	0.0003	0.0001		2.05E-
1974	84	97	51	24	8.30E-05	05
	0.0005	0.0004	0.0001	5.44E-		8.95E-
1975	49	05	52	05	3.63E-05	06
	0.0018	0.0013	0.0004	0.0001		2.74E-
1976	28	09	69	67	0.000111	05
				0.0772		0.0127
1977	0.9089	0.6312	0.2175	6	0.05152	1
1978	4.918	3.618	1.311	0.4669	0.3114	0.0768
	0.0019	0.0013	0.0004	0.0001		2.84E-
1979	33	56	6	63	0.000109	05
	0.0038	0.0026	0.0009	0.0003		5.53E-
1980	83	47	49	37	0.000225	05
1981	53.57	38.25	14.9	5.302	3.536	0.872
1982	0.0021	0.0016	0.0006	0.0002	0.000153	5.00E-

	81	26	11	21		05
						0.0438
1983	2.22	1.577	0.6691	0.2664	0.1777	3
	0.0016		0.0004	0.0001		2.77E-
1984	57	0.0012	61	63	0.000109	05
	0.0015	0.0011	0.0003	0.0001		2.33E-
1985	85	43	99	42	9.44E-05	05
	0.0026	0.0018	0.0007	0.0002		4.20E-
1986	75	65	18	56	0.00017	05
						0.0235
1987	1.671	1.164	0.4023	0.143	0.09535	2
1988	319	238	93.37	33.63	22.43	5.517
1989	12.07	8.169	2.693	0.9542	0.6364	0.1571
1990	83.79	60.34	21.85	7.801	5.203	1.283

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	319	238	93.37	33.63	22.43	5.517
0.064516129	219	163	66.22	23.83	15.9	3.922
0.096774194	208	158	58.4	20.91	13.95	3.44
0.129032258	83.79	60.34	21.85	7.801	5.203	1.283
0.161290323	53.57	38.25	14.9	5.302	3.536	0.872
0.193548387	37.05	27.75	12.75	4.588	3.06	0.7549
0.225806452	17.2	12.75	4.887	1.756	1.171	0.2889
0.258064516	12.07	8.169	2.693	0.9542	0.6364	0.1571
0.290322581	4.918	3.618	1.311	0.4669	0.3114	0.0768
						0.0438
0.322580645	2.22	1.577	0.6691	0.2664	0.1777	3
						0.0235
0.35483871	1.671	1.164	0.4023	0.143	0.09535	2
				0.0772		0.0127
0.387096774	0.9089	0.6312	0.2175	6	0.05152	1
	0.0130	0.0090	0.0031	0.0011		0.0002
0.419354839	6	72	21	21	0.000774	59
	0.0092	0.0069	0.0025	0.0009		0.0001
0.451612903	31	67	52	08	0.000607	58
	0.0046	0.0033	0.0012	0.0004		9.00E-
0.483870968	91	81	31	39	0.000293	05
	0.0038	0.0026	0.0009	0.0003		7.23E-
0.516129032	83	47	49	65	0.000283	05
	0.0031	0.0022	0.0007	0.0003		5.53E-
0.548387097	96	82	9	37	0.000225	05
	0.0026	0.0018	0.0007	0.0002		5.00E-
0.580645161	75	65	18	8	0.000187	05
	0.0021	0.0016	0.0006	0.0002		4.61E-
0.612903226	81	26	11	56	0.00017	05
	0.0019	0.0013	0.0004	0.0002		4.20E-
0.64516129	33	56	99	21	0.000153	05
	0.0018	0.0013	0.0004	0.0001		2.94E-
0.677419355	3	48	95	78	0.000119	05
	0.0018	0.0013	0.0004	0.0001		2.84E-
0.709677419	28	09	69	67	0.000111	05
0.741935484	0.0017	0.0012	0.0004	0.0001	0.000109	2.77E-

	64	83	61	63		05
	0.0016		0.0004	0.0001		2.74E-
0.774193548	57	0.0012	6	63	0.000109	05
	0.0015	0.0011	0.0004	0.0001		2.65E-
0.806451613	85	43	53	61	0.000107	05
	0.0015	0.0010	0.0003	0.0001		2.33E-
0.838709677	08	43	99	42	9.44E-05	05
	0.0013	0.0009	0.0003	0.0001		2.33E-
0.870967742	84	97	59	27	8.50E-05	05
	0.0006	0.0005	0.0003	0.0001		2.10E-
0.903225806	55	4	51	24	8.30E-05	05
	0.0005	0.0004	0.0001	9.72E-		2.05E-
0.935483871	49	05	52	05	7.58E-05	05
	0.0001	0.0001	0.0001	5.44E-		8.95E-
0.967741935	83	72	39	05	3.63E-05	06
	195.57	148.23		19.599		
0.1	9	4	54.745	1	13.0753	3.2243
					Average of yearly averages:	0.5464 26

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcottonN

Metfile: w93193.dvf

PRZM scenario: CAcotton_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	

Application Rate:	TAPP	203.62	kg/ha
	APPEF		
Application Efficiency:	F	1	fraction
Spray Drift	DRFT	0	fraction of application rate applied to pond
Application Date	Date	15-04	dd/mm or dd/mmm or dd-mm or dd-mmm
	FILTR		
Record 17:	A		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAcotton.out**

Chemical: telone

PRZM environment:

CAcotton_WirrigSTD.tx
t modified Tuesday, 29 May 2007 at
13:42:12

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
			0.0504	0.0360		0.0108
1961	0.1472	0.1067	7	7	0.02965	4
	0.0507	0.0410	0.0308			0.0060
1962	3	3	6	0.0233	0.02005	56
1963	5.86	4.389	2.054	0.7664	0.523	0.1322
	0.0974	0.0671	0.0324	0.0246		0.0062
1964	7	9	1	7	0.02037	31
	0.0639	0.0509	0.0378			0.0079
1965	9	9	3	0.0285	0.02578	12
		0.0714	0.0443	0.0371		0.0085
1966	0.1037	6	9	2	0.02955	62
1967	53.05	41.75	17.04	6.185	4.14	1.027
	0.0585	0.0463	0.0361	0.0261		0.0068
1968	7	5	2	6	0.02286	1
	0.0675	0.0548	0.0451	0.0329		0.0084
1969	5	8	7	6	0.02687	36
	0.0586	0.0472	0.0379	0.0296		0.0087
1970	8	3	7	8	0.0258	99

1971	43.09	31.1	11.47	4.117	2.753	0.6824
	0.0481	0.0356	0.0268	0.0243		0.0067
1972	6	1	9	2	0.02131	87
	0.0676	0.0555	0.0441	0.0327		0.0090
1973	8	7	3	4	0.02954	38
	0.0638	0.0456	0.0312	0.0273		0.0076
1974	2	1	4	7	0.02297	09
	0.0640	0.0475	0.0363	0.0313		0.0078
1975	3	1	1	7	0.02579	22
	0.0469	0.0341	0.0280	0.0237		0.0085
1976	4	6	8	8	0.02147	04
	0.0889	0.0695	0.0285	0.0241		0.0082
1977	7	9	2	6	0.02191	22
				0.0699		0.0174
1978	0.5629	0.4141	0.15	6	0.0591	4
	0.0598	0.0427	0.0283	0.0232		0.0061
1979	8	5	2	8	0.0188	82
	0.0468	0.0360	0.0309	0.0236		0.0061
1980	3	7	5	9	0.01974	83
						0.0288
1981	1.536	1.097	0.4254	0.1575	0.109	1
	0.0730	0.0584	0.0348	0.0236		0.0091
1982	5	3	8	3	0.01976	84
1983	11.24	7.984	2.733	0.997	0.6742	0.1709
	0.0816	0.0640	0.0295	0.0160		0.0062
1984	1	6	2	2	0.01425	94
	0.0598	0.0473	0.0327	0.0258		0.0066
1985	3	8	5	8	0.02228	66
	0.0772	0.0641	0.0534	0.0414		0.0111
1986	4	7	7	1	0.03317	4
			0.0429	0.0333		0.0099
1987	0.1665	0.116	9	8	0.03052	44
1988	9.665	7.578	3.7	1.368	0.9301	0.232
	0.0726	0.0491	0.0221			0.0069
1989	5	8	7	0.0205	0.01783	47
				0.0983		0.0191
1990	0.9939	0.7157	0.2592	3	0.06931	8

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	53.05	41.75	17.04	6.185	4.14	1.027
0.064516129	43.09	31.1	11.47	4.117	2.753	0.6824
0.096774194	11.24	7.984	3.7	1.368	0.9301	0.232
0.129032258	9.665	7.578	2.733	0.997	0.6742	0.1709
0.161290323	5.86	4.389	2.054	0.7664	0.523	0.1322
						0.0288
0.193548387	1.536	1.097	0.4254	0.1575	0.109	1
				0.0983		0.0191
0.225806452	0.9939	0.7157	0.2592	3	0.06931	8
				0.0699		0.0174
0.258064516	0.5629	0.4141	0.15	6	0.0591	4
			0.0534	0.0414		0.0111
0.290322581	0.1665	0.116	7	1	0.03317	4

			0.0504	0.0371		0.0108
0.322580645	0.1472	0.1067	7	2	0.03052	4
		0.0714	0.0451	0.0360		0.0099
0.35483871	0.1037	6	7	7	0.02965	44
	0.0974	0.0695	0.0443	0.0333		0.0091
0.387096774	7	9	9	8	0.02955	84
	0.0889	0.0671	0.0441	0.0329		0.0090
0.419354839	7	9	3	6	0.02954	38
	0.0816	0.0641	0.0429	0.0327		0.0087
0.451612903	1	7	9	4	0.02687	99
	0.0772	0.0640	0.0379	0.0313		0.0085
0.483870968	4	6	7	7	0.0258	62
	0.0730	0.0584	0.0378	0.0296		0.0085
0.516129032	5	3	3	8	0.02579	04
	0.0726	0.0555	0.0363			0.0084
0.548387097	5	7	1	0.0285	0.02578	36
	0.0676	0.0548	0.0361	0.0273		0.0082
0.580645161	8	8	2	7	0.02297	22
	0.0675	0.0509	0.0348	0.0261		0.0079
0.612903226	5	9	8	6	0.02286	12
	0.0640	0.0491	0.0327	0.0258		0.0078
0.64516129	3	8	5	8	0.02228	22
	0.0639	0.0475	0.0324	0.0246		0.0076
0.677419355	9	1	1	7	0.02191	09
	0.0638	0.0473	0.0312	0.0243		0.0069
0.709677419	2	8	4	2	0.02147	47
	0.0598	0.0472	0.0309	0.0241		0.0068
0.741935484	8	3	5	6	0.02131	1
	0.0598	0.0463	0.0308	0.0237		0.0067
0.774193548	3	5	6	8	0.02037	87
	0.0586	0.0456	0.0295	0.0236		0.0066
0.806451613	8	1	2	9	0.02005	66
	0.0585	0.0427	0.0285	0.0236		0.0062
0.838709677	7	5	2	3	0.01976	94
	0.0507	0.0410	0.0283			0.0062
0.870967742	3	3	2	0.0233	0.01974	31
	0.0481	0.0360	0.0280	0.0232		0.0061
0.903225806	6	7	8	8	0.0188	83
	0.0469	0.0356	0.0268			0.0061
0.935483871	4	1	9	0.0205	0.01783	82
	0.0468	0.0341	0.0221	0.0160		0.0060
0.967741935	3	6	7	2	0.01425	56
	11.082					0.2258
0.1	5	7.9434	3.6033	1.3309	0.90451	9
					Average of yearly averages:	0.0828 03

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcotton

Metfile: w93193.dvf

PRZM scenario: CAcotton_WirrigSTD.txt

EXAMS environment	file:	pond298.exv		
Chemical Name:	telone			
	Variable Name	Value	Units	Comments
Description				
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	203.62	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-04	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAcornN.out**

Chemical: telone

PRZM

environment:

CAcornOP.txt

modified Thuday, 14 June 2007 at 10:21:10

EXAMS

environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23232.dvf 10:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	19.29	14.41	5.709	2.066	1.378	0.3412
1962	30.29	24.33	10.67	4.012	2.682	0.6613
1963	199	154	74.57	28.08	18.74	4.625
				0.0861		0.0142
1964	0.6883	0.5429	0.2336	3	0.05743	2
1965	24.87	18.46	9.924	3.632	2.423	0.5979
1966	9.469	7.177	2.991	1.105	0.7366	0.1816
1967	352	265	114	42.54	28.38	7.004
1968	96.06	71.92	28.58	10.31	6.881	1.695
1969	44.3	32	11.86	4.264	2.844	0.7044
						0.0348
1970	1.379	1.073	0.4693	0.2114	0.1411	2
1971	30.07	23.76	9.994	3.64	2.429	0.5993
	0.0011	0.0009	0.0003	0.0001		3.36E-
1972	91	02	54	29	8.60E-05	05
1973	84.58	62.29	27.49	9.905	6.607	1.63
						0.0235
1974	1.129	0.8532	0.3901	0.1431	0.09543	7
1975	167	121	47.29	17.78	11.86	2.927
1976	18.27	13.21	4.994	1.806	1.204	0.2964
1977	113	81.43	30.12	10.82	7.221	1.782
						0.0409
1978	2.261	1.683	0.6829	0.2484	0.1657	1
1979	162	125	54.44	20.08	13.39	3.305
1980	66.59	48.77	18.63	6.717	4.481	1.103
1981	223	174	88.89	32.56	21.72	5.36
1982	139	105	44.03	16.09	10.74	2.65
1983	131	99.74	56.46	20.66	13.78	3.401
1984	5.754	4.094	1.898	0.7533	0.5025	0.1275
1985	31.07	23.32	8.978	3.231	2.155	0.5318
1986	389	285	108	39.38	26.27	6.482
1987	21.74	16.25	6.364	2.299	1.534	0.4317
1988	76.25	60.82	23.96	8.617	5.748	1.414
1989	61.5	45.13	20.1	7.34	4.896	1.208
1990	11.08	7.597	2.518	0.8948	0.5999	0.1483

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	389	285	114	42.54	28.38	7.004
0.064516129	352	265	108	39.38	26.27	6.482
0.096774194	223	174	88.89	32.56	21.72	5.36
0.129032258	199	154	74.57	28.08	18.74	4.625
0.161290323	167	125	56.46	20.66	13.78	3.401

0.193548387	162	121	54.44	20.08	13.39	3.305
0.225806452	139	105	47.29	17.78	11.86	2.927
0.258064516	131	99.74	44.03	16.09	10.74	2.65
0.290322581	113	81.43	30.12	10.82	7.221	1.782
0.322580645	96.06	71.92	28.58	10.31	6.881	1.695
0.35483871	84.58	62.29	27.49	9.905	6.607	1.63
0.387096774	76.25	60.82	23.96	8.617	5.748	1.414
0.419354839	66.59	48.77	20.1	7.34	4.896	1.208
0.451612903	61.5	45.13	18.63	6.717	4.481	1.103
0.483870968	44.3	32	11.86	4.264	2.844	0.7044
0.516129032	31.07	24.33	10.67	4.012	2.682	0.6613
0.548387097	30.29	23.76	9.994	3.64	2.429	0.5993
0.580645161	30.07	23.32	9.924	3.632	2.423	0.5979
0.612903226	24.87	18.46	8.978	3.231	2.155	0.5318
0.64516129	21.74	16.25	6.364	2.299	1.534	0.4317
0.677419355	19.29	14.41	5.709	2.066	1.378	0.3412
0.709677419	18.27	13.21	4.994	1.806	1.204	0.2964
0.741935484	11.08	7.597	2.991	1.105	0.7366	0.1816
0.774193548	9.469	7.177	2.518	0.8948	0.5999	0.1483
0.806451613	5.754	4.094	1.898	0.7533	0.5025	0.1275
						0.0409
0.838709677	2.261	1.683	0.6829	0.2484	0.1657	1
						0.0348
0.870967742	1.379	1.073	0.4693	0.2114	0.1411	2
						0.0235
0.903225806	1.129	0.8532	0.3901	0.1431	0.09543	7
				0.0861		0.0142
0.935483871	0.6883	0.5429	0.2336	3	0.05743	2
	0.0011	0.0009	0.0003	0.0001		3.36E-
0.967741935	91	02	54	29	8.60E-05	05
0.1	220.6	172	87.458	32.112	21.422	5.2865
					Average of yearly averages:	1.6440 32

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcornN

Metfile: w23232.dvf

PRZM scenario: CAcornOP.txt

EXAMS

environment file: pond298.exv

Chemical Name: telone

Variabl

Description	e Name	Value	Units	Comments
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Molecular weight	mwt	110.97	g/mol	
		3.55E-		

Henry's Law Const.	henry	03	atm-m^3/mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
Application Efficiency:	APPEF			
	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-03	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAcorn.out**

Chemical: telone

PRZM environment:

CAcornOP.txt modified Thuday, 14 June 2007 at 10:21:10

EXAMS

environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23232.dvf 10:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	6.861	5.126	2.031	0.7349		0.4903
				0.0390		
1962	0.2986	0.2332	0.1032	1	0.02714	0.00786

1963	49.55	38.25	20.41	8.33	5.561	1.378
		0.0635	0.0282	0.0108		
1964	0.07581	7	7	5	0.007292	0.00358
1965	1.614	1.176	0.599	0.2513	0.1677	0.04372
		0.0541	0.0373	0.0182		0.00344
1966	0.06283	5	8	1	0.01214	1
1967	228	172	72.24	27.18	18.14	4.477
1968	15.98	11.96	4.754	1.715	1.146	0.2847
			0.0485	0.0177		0.00715
1969	0.1805	0.1304	2	7	0.01763	2
		0.0839	0.0387	0.0171		0.00388
1970	0.1019	7	5	2	0.01162	1
1971	1.577	1.156	0.4684	0.1712	0.1142	0.02872
			0.0649	0.0334		0.00635
1972	0.1334	0.1074	3	8	0.0237	1
1973	3.285	2.42	0.9559	0.3459	0.2328	0.06173
1974	0.8427	0.6767	0.2945	0.1084	0.07248	0.01961
1975	9.492	6.846	4.037	1.483	0.99	0.2453
				0.0421		0.00697
1976	0.435	0.3145	0.1167	3	0.02821	4
1977	103	74.48	27.55	9.875	6.588	1.627
				0.0654		
1978	0.5835	0.4344	0.1794	3	0.04391	0.01387
1979	102	78.93	35.08	13.01	8.677	2.145
				0.0389		0.00872
1980	0.2704	0.1981	0.1029	6	0.02734	2
1981	130	106	51.79	18.96	12.65	3.126
1982	58.51	44.26	22.92	9.093	6.067	1.511
1983	24.04	21.19	11.35	4.364	2.915	0.728
1984	2.079	1.479	0.5415	0.1963	0.131	0.0341
			0.0717	0.0284		0.00912
1985	0.2459	0.1846	3	1	0.01894	3
1986	203	149	56.52	20.49	13.67	3.373
1987	1.188	0.8876	0.3477	0.1259	0.08686	0.02382
		0.0879	0.0371	0.0139		0.00468
1988	0.1111	8	1	4	0.009519	3
1989	13.36	10.47	5.552	2.083	1.39	0.3464
			0.0894	0.0317		
1990	0.3939	0.27	7	1	0.02115	0.00876

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	228	172	72.24	27.18	18.14	4.477
0.064516129	203	149	56.52	20.49	13.67	3.373
0.096774194	130	106	51.79	18.96	12.65	3.126
0.129032258	103	78.93	35.08	13.01	8.677	2.145
0.161290323	102	74.48	27.55	9.875	6.588	1.627
0.193548387	58.51	44.26	22.92	9.093	6.067	1.511
0.225806452	49.55	38.25	20.41	8.33	5.561	1.378
0.258064516	24.04	21.19	11.35	4.364	2.915	0.728
0.290322581	15.98	11.96	5.552	2.083	1.39	0.3464

0.322580645	13.36	10.47	4.754	1.715	1.146	0.2847
0.35483871	9.492	6.846	4.037	1.483	0.99	0.2453
0.387096774	6.861	5.126	2.031	0.7349	0.4903	0.1247
0.419354839	3.285	2.42	0.9559	0.3459	0.2328	0.06173
0.451612903	2.079	1.479	0.599	0.2513	0.1677	0.04372
0.483870968	1.614	1.176	0.5415	0.1963	0.131	0.0341
0.516129032	1.577	1.156	0.4684	0.1712	0.1142	0.02872
0.548387097	1.188	0.8876	0.3477	0.1259	0.08686	0.02382
0.580645161	0.8427	0.6767	0.2945	0.1084	0.07248	0.01961
				0.0654		
0.612903226	0.5835	0.4344	0.1794	3	0.04391	0.01387
				0.0421		0.00912
0.64516129	0.435	0.3145	0.1167	3	0.02821	3
				0.0390		
0.677419355	0.3939	0.27	0.1032	1	0.02734	0.00876
				0.0389		0.00872
0.709677419	0.2986	0.2332	0.1029	6	0.02714	2
			0.0894	0.0334		
0.741935484	0.2704	0.1981	7	8	0.0237	0.00786
			0.0717	0.0317		0.00715
0.774193548	0.2459	0.1846	3	1	0.02115	2
			0.0649	0.0284		0.00697
0.806451613	0.1805	0.1304	3	1	0.01894	4
			0.0485	0.0182		0.00635
0.838709677	0.1334	0.1074	2	1	0.01763	1
		0.0879	0.0387	0.0177		0.00468
0.870967742	0.1111	8	5	7	0.01214	3
		0.0839	0.0373	0.0171		0.00388
0.903225806	0.1019	7	8	2	0.01162	1
		0.0635	0.0371	0.0139		
0.935483871	0.07581	7	1	4	0.009519	0.00358
		0.0541	0.0282	0.0108		0.00344
0.967741935	0.06283	5	7	5	0.007292	1
		103.29				
0.1	127.3	3	50.119	18.365	12.2527	3.0279
					Average of yearly averages:	0.65540 7

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcorn

Metfile: w23232.dvf

PRZM scenario: CAcornOP.txt

EXAMS

environment file: pond298.exv

Chemical Name: telone
Variabl

Description	e Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-	atm-m^3/mol	

		03		
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
Application Efficiency:	APPEF		fractio	
	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-03	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAcitrusN.out**

Chemical: telone

PRZM environment:

CAcitrus_WirrigSTD.tx modified Tuesday, 29 May 2007 at 13:41:26

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w23155.dvf 10:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	39.29 0.0285	32.54 0.0220	16.69 0.0097	6.624 0.0036	4.424	1.092
1962	4 0.0039	1 0.0030	73 0.0012	35 0.0005	0.002428	0.0006 9.61E-
1963	82 9.56E-	05 7.40E-	17 3.27E-	83 1.21E-	0.00039	05 1.99E-
1964	06 0.0015	06 0.0011	06 0.0005	06 0.0001	8.09E-07	07 3.16E-
1965	41 1.529	84 1.186	18 0.5426	92 0.2026	0.000128	05 0.0333
1966					0.1352	6 0.0763
1967	3.394 0.0132	2.69 0.0103	1.224 0.0045	0.4633 0.0017	0.3092	2 0.0002
1968	9 0.0001	8 0.0001	63 5.46E-	08 2.14E-	0.001139	81 3.52E-
1969	4 0.0001	14 7.95E-	05 3.24E-	05 1.22E-	1.43E-05	06 2.01E-
1970	05 0.0050	05 0.0040	05 0.0018	05 0.0007	8.15E-06	06 0.0001
1971	6 5.75E-	43 4.14E-	82 1.56E-	15 5.60E-	0.000477	18 9.20E-
1972	06 6.334	06 4.874	06 2.049	07 0.7451	3.73E-07	08 0.1227
1973	0.0004	0.0003	0.0001	5.84E-	0.4972	9.78E-
1974	61 0.0592	59 0.0473	57 0.0220	05 0.0100	3.95E-05	06 0.0016
1975	5 0.0022	4 0.0017	4 0.0006	7 0.0002	0.006738	63 3.96E-
1976	98 15.14	01 11.99	63 5.452	41 2.059	0.000161	05 0.3391
1977				0.0934	1.374	0.0153
1978	0.8324	0.6343	0.256 0.0730	3 0.0291	0.06233	8 0.0048
1979	0.215	0.1653	4	4	0.01946	03 0.0284
1980	1.182	0.9371	0.4504	0.1732 0.0610	0.1156	5 0.0100
1981	0.4403	0.3533 0.0904	0.1611 0.0412	4 0.0158	0.04075	5 0.0026
1982	0.1142	8	2	8	0.01061	17
1983	57.55 4.21E-	46.05 4.11E-	26.16 3.65E-	9.825 2.65E-	6.557	1.618 5.76E-
1984	05 0.2856	05 0.2332	05 0.1141	05 2	2.07E-05	06 0.0072
1985	9.65E-	7.35E-	3.06E-	1.15E-	0.02919	04 2.07E-
1986	06 233	06 186	06 85.96	06 32.74	8.08E-07	07 5.394
1987					21.86	0.0233
1988	1.783	1.209 0.0014	0.4006 0.0007	0.1423 0.0002	0.09494	6 4.38E-
1989	0.002	68	13	66	0.000178	05
1990	2.06	1.495	0.5589	0.2013	0.1343	0.0331

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	233	186	85.96	32.74	21.86	5.394
0.064516129	57.55	46.05	26.16	9.825	6.557	1.618
0.096774194	39.29	32.54	16.69	6.624	4.424	1.092
0.129032258	15.14	11.99	5.452	2.059	1.374	0.3391
0.161290323	6.334	4.874	2.049	0.7451	0.4972	0.1227
						0.0763
0.193548387	3.394	2.69	1.224	0.4633	0.3092	2
						0.0333
0.225806452	2.06	1.495	0.5589	0.2026	0.1352	6
						0.0331
0.258064516	1.783	1.209	0.5426	0.2013	0.1343	2
						0.0284
0.290322581	1.529	1.186	0.4504	0.1732	0.1156	5
						0.0233
0.322580645	1.182	0.9371	0.4006	0.1423	0.09494	6
				0.0934		0.0153
0.35483871	0.8324	0.6343	0.256	3	0.06233	8
				0.0610		0.0100
0.387096774	0.4403	0.3533	0.1611	4	0.04075	5
				0.0437		0.0072
0.419354839	0.2856	0.2332	0.1141	2	0.02919	04
			0.0730	0.0291		0.0048
0.451612903	0.215	0.1653	4	4	0.01946	03
		0.0904	0.0412	0.0158		0.0026
0.483870968	0.1142	8	2	8	0.01061	17
	0.0592	0.0473	0.0220	0.0100		0.0016
0.516129032	5	4	4	7	0.006738	63
	0.0285	0.0220	0.0097	0.0036		
0.548387097	4	1	73	35	0.002428	0.0006
	0.0132	0.0103	0.0045	0.0017		0.0002
0.580645161	9	8	63	08	0.001139	81
	0.0050	0.0040	0.0018	0.0007		0.0001
0.612903226	6	43	82	15	0.000477	18
	0.0039	0.0030	0.0012	0.0005		9.61E-
0.64516129	82	05	17	83	0.00039	05
	0.0022	0.0017	0.0007	0.0002		4.38E-
0.677419355	98	01	13	66	0.000178	05
		0.0014	0.0006	0.0002		3.96E-
0.709677419	0.002	68	63	41	0.000161	05
	0.0015	0.0011	0.0005	0.0001		3.16E-
0.741935484	41	84	18	92	0.000128	05
	0.0004	0.0003	0.0001	5.84E-		9.78E-
0.774193548	61	59	57	05	3.95E-05	06
	0.0001	0.0001	5.46E-	2.65E-		5.76E-
0.806451613	4	14	05	05	2.07E-05	06
	0.0001	7.95E-	3.65E-	2.14E-		3.52E-
0.838709677	05	05	05	05	1.43E-05	06
	4.21E-	4.11E-	3.24E-	1.22E-		2.01E-
0.870967742	05	05	05	05	8.15E-06	06
	9.65E-	7.40E-	3.27E-	1.21E-		2.07E-
0.903225806	06	06	06	06	8.09E-07	07

0.935483871	9.56E-06	7.35E-06	3.06E-06	1.15E-06	8.08E-07	1.99E-07
0.967741935	5.75E-06	4.14E-06	1.56E-06	5.60E-07	3.73E-07	9.20E-08
0.1	36.875	30.485	15.566 2	6.1675	4.119	1.0167 1
Average of yearly averages:						0.2934 45

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CACitrusN

Metfile: w23155.dvf

PRZM scenario: CACitrus_WirrigSTD.txt

EXAMS environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP APPEF	412.1	kg/ha	
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTR			
	A			
	IPSCN			
	D	1		
	UPTKF	0		

Record 18:	PLVKR		
	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res.			
Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAcitrus.out**

Chemical: telone

PRZM environment:

CAcitrus_WirrigSTD.tx modified Tuesday, 29 May 2007 at
t 13:41:26

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w23155.dvf 10:04:20

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	12.31	10.19	5.229	2.075	1.386	0.3441 0.0114
1962	0.3351	0.2583	0.1403	0.0543	0.0372	5 0.0435
1963	2.181	1.646	0.6667	0.2526	0.1699	7 0.0021
	0.0220	0.0167	0.0093	0.0069		
1964	4	1	37	1	0.00543	46 0.0039
	0.0912	0.0667	0.0257	0.0127		
1965	6	6	6	7	0.01026	93 0.0073
			0.0760	0.0300		
1966	0.175	0.1349	6	6	0.02052	19 0.0076
			0.0922	0.0349		
1967	0.2558	0.2027	7	2	0.02355	23 0.0030
	0.0242	0.0183	0.0140	0.0101		
1968	9	8	2	9	0.007724	93 0.0041
	0.0646	0.0508	0.0220	0.0098		
1969	5	5	8	55	0.007916	12 0.0055
	0.0959	0.0725	0.0295			
1970	9	9	8	0.0128	0.01171	14 0.0021
	0.0279		0.0102	0.0086		
1971	4	0.0211	6	11	0.007608	93 0.0027
	0.0580	0.0372	0.0170	0.0117		
1972	3	2	3	1	0.009567	65 0.0171
				0.0880		
1973	0.7479	0.5755	0.242	2	0.05923	1 0.0059
			0.0482	0.0182		
1974	0.1633	0.1218	3	2	0.01451	03 0.0034
	0.0501	0.0387	0.0166	0.0098		
1975	3	5	2	18	0.008371	96 0.0042
		0.0480	0.0199	0.0116		
1976	0.0649	6	1	7	0.01005	51

						0.0326
1977	1.217	0.9636	0.4383	0.1661	0.1159	4
						0.0373
1978	1.669	1.37	0.562	0.2141	0.1433	7
	0.0438	0.0336	0.0211	0.0136		0.0041
1979	1	8	7	6	0.01163	53
			0.0856	0.0392		0.0090
1980	0.2106	0.1813	6	3	0.02782	71
	0.0960	0.0770	0.0351	0.0164		0.0064
1981	4	7	4	9	0.01389	08
	0.0625	0.0464	0.0184	0.0099		0.0037
1982	4	7	4	19	0.008975	83
						0.0195
1983	0.5735	0.459	0.2861	0.1088	0.07294	3
	0.0115	0.0082	0.0056	0.0035		0.0008
1984	1	28	83	77	0.002785	08
	0.0179	0.0120	0.0083	0.0048		0.0013
1985	3	6	29	06	0.004034	03
		0.0078	0.0032	0.0020		0.0008
1986	0.0103	4	45	5	0.002016	07
1987	5.18	4.128	1.91	0.7274	0.4857	0.1219
		0.0775	0.0275	0.0111		0.0058
1988	0.1143	3	2	3	0.009859	42
		0.0721		0.0085		0.0034
1989	0.108	4	0.0234	03	0.007212	14
		0.0758	0.0283	0.0102		0.0033
1990	0.1045	3	5	5	0.007197	09

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	12.31	10.19	5.229	2.075	1.386	0.3441
0.064516129	5.18	4.128	1.91	0.7274	0.4857	0.1219
						0.0435
0.096774194	2.181	1.646	0.6667	0.2526	0.1699	7
						0.0373
0.129032258	1.669	1.37	0.562	0.2141	0.1433	7
						0.0326
0.161290323	1.217	0.9636	0.4383	0.1661	0.1159	4
						0.0195
0.193548387	0.7479	0.5755	0.2861	0.1088	0.07294	3
				0.0880		0.0171
0.225806452	0.5735	0.459	0.242	2	0.05923	1
						0.0114
0.258064516	0.3351	0.2583	0.1403	0.0543	0.0372	5
			0.0922	0.0392		0.0090
0.290322581	0.2558	0.2027	7	3	0.02782	71
			0.0856	0.0349		0.0076
0.322580645	0.2106	0.1813	6	2	0.02355	23
			0.0760	0.0300		0.0073
0.35483871	0.175	0.1349	6	6	0.02052	19
			0.0482	0.0182		0.0064
0.387096774	0.1633	0.1218	3	2	0.01451	08
		0.0775	0.0351	0.0164		0.0059
0.419354839	0.1143	3	4	9	0.01389	03
0.451612903	0.108	0.0770	0.0295	0.0136	0.01171	0.0058

		7	8	6		42
		0.0758	0.0283			0.0055
0.483870968	0.1045	3	5	0.0128	0.01163	14
	0.0960	0.0725	0.0275	0.0127		0.0042
0.516129032	4	9	2	7	0.01026	51
	0.0959	0.0721	0.0257	0.0117		0.0041
0.548387097	9	4	6	1	0.01005	53
	0.0912	0.0667		0.0116		0.0041
0.580645161	6	6	0.0234	7	0.009859	12
		0.0508	0.0220	0.0111		0.0039
0.612903226	0.0649	5	8	3	0.009567	93
	0.0646	0.0480	0.0211	0.0102		0.0037
0.64516129	5	6	7	5	0.008975	83
	0.0625	0.0464	0.0199	0.0101		0.0034
0.677419355	4	7	1	9	0.008371	96
	0.0580	0.0387	0.0184	0.0099		0.0034
0.709677419	3	5	4	19	0.007916	14
	0.0501	0.0372	0.0170	0.0098		0.0033
0.741935484	3	2	3	55	0.007724	09
	0.0438	0.0336	0.0166	0.0098		0.0030
0.774193548	1	8	2	18	0.007608	93
	0.0279		0.0140	0.0086		0.0027
0.806451613	4	0.0211	2	11	0.007212	65
	0.0242	0.0183	0.0102	0.0085		0.0021
0.838709677	9	8	6	03	0.007197	93
	0.0220	0.0167	0.0093	0.0069		0.0021
0.870967742	4	1	37	1	0.00543	46
	0.0179	0.0120	0.0083	0.0048		0.0013
0.903225806	3	6	29	06	0.004034	03
	0.0115	0.0082	0.0056	0.0035		0.0008
0.935483871	1	28	83	77	0.002785	08
		0.0078	0.0032	0.0020		0.0008
0.967741935	0.0103	4	45	5	0.002016	07
			0.6562	0.2487		0.0429
0.1	2.1298	1.6184	3	5	0.16724	5
					Average of yearly averages:	0.0239 66

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAcitrus

Metfile: w23155.dvf

PRZM scenario: CAcitrus_WirrigSTD.txt

EXAMS environment
file:

pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-	atm-m ³ /mol	

		03		
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	412.1	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAbrusselsN.out**

Chemical: telone

PRZM environment:

CAlettuceSTD.txt modified Tuesday, 21 February 2006 at 15:38:22

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23273.dvf 10:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	16.88	13	5.976	2.295		1.53 0.422

1962	866	755	405	157	105	25.88
1963	1410	1200	526	195	130	32.16
1964	109	84.02	33.96	12.36	8.244	2.033
			0.593	0.427		
1965	2.028	1.498	1	7	0.2986	0.07379
1966	95.35	74.16	33.44	12.38	8.258	2.061
1967	28.5	21.2	8.307	3.459	2.309	0.5702
1968	46.05	34.47	14.99	6.102	4.073	1.003
1969	766	590	236	86.02	57.4	14.17
1970	262	201	77.38	29.7	19.83	4.896
1971	7.964	5.684	2.068	1.392	0.953	0.2355
1972	17.07	12.18	4.409	1.888	1.261	0.3101
1973	419	324	166	61.06	40.75	10.06
1974	836	615	237	85.88	57.29	14.14
1975	2200	1670	678	248	165	40.78
1976	198	152	72.85	26.74	17.85	4.392
1977	316	231	87.1	32.44	21.91	5.407
1978	832	705	302	112	74.53	18.4
1979	465	354	178	69.16	46.16	11.39
1980	1270	956	354	128	85.18	20.97
1981	1270	998	420	156	104	25.75
1982	304	230	93.85	34.44	22.98	5.673
1983	438	349	159	58.64	39.13	9.655
				0.556		
1984	6.004	4.288	1.553	1	0.3709	0.09845
1985	420	332	150	56.96	38.02	9.386
1986	1180	977	376	135	90.3	22.28
1987	143	104	40.69	17.43	11.63	2.872
1988	143	102	26.87	9.473	6.321	1.555
1989	72.61	52.5	27.83	10.09	6.731	1.662
1990	279	188	65.96	23.63	15.76	3.891

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	2200	1670	678	248	165	40.78
0.064516129	1410	1200	526	195	130	32.16
0.096774194	1270	998	420	157	105	25.88
0.129032258	1270	977	405	156	104	25.75
0.161290323	1180	956	376	135	90.3	22.28
0.193548387	866	755	354	128	85.18	20.97
0.225806452	836	705	302	112	74.53	18.4
0.258064516	832	615	237	86.02	57.4	14.17
0.290322581	766	590	236	85.88	57.29	14.14
0.322580645	465	354	178	69.16	46.16	11.39
0.35483871	438	349	166	61.06	40.75	10.06
0.387096774	420	332	159	58.64	39.13	9.655
0.419354839	419	324	150	56.96	38.02	9.386
0.451612903	316	231	93.85	34.44	22.98	5.673

0.483870968	304	230	87.1	32.44	21.91	5.407
0.516129032	279	201	77.38	29.7	19.83	4.896
0.548387097	262	188	72.85	26.74	17.85	4.392
0.580645161	198	152	65.96	23.63	15.76	3.891
0.612903226	143	104	40.69	17.43	11.63	2.872
0.64516129	143	102	33.96	12.38	8.258	2.061
0.677419355	109	84.02	33.44	12.36	8.244	2.033
0.709677419	95.35	74.16	27.83	10.09	6.731	1.662
0.741935484	72.61	52.5	26.87	9.473	6.321	1.555
0.774193548	46.05	34.47	14.99	6.102	4.073	1.003
0.806451613	28.5	21.2	8.307	3.459	2.309	0.5702
0.838709677	17.07	13	5.976	2.295	1.53	0.422
0.870967742	16.88	12.18	4.409	1.888	1.261	0.3101
0.903225806	7.964	5.684	2.068	1.392	0.953	0.2355
				0.556		
0.935483871	6.004	4.288	1.553	1	0.3709	0.09845
			0.593	0.427		
0.967741935	2.028	1.498	1	7	0.2986	0.07379
0.1	1270	995.9	418.5	156.9	104.9	25.867
					Average of	
					yearly	
					averages:	9.73920
						1

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbusselsN

Metfile: w23273.dvf
CAlettuceSTD.tx

PRZM scenario: t

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		
Henry's Law Const.	henry	-03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife

Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		290.2		
Application Rate:	TAPP	5	kg/ha	
	APPEF		fraction	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	2-Feb	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CAbrussels.out**

Chemical: telone

PRZM environment:

CAlettuceSTD.txt modified Tuesday, 21 February 2006 at 15:38:22

EXAMS environment:

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

modified Wednesday, 3 July 2002 at

Metfile: w23273.dvf 10:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
		0.0923	0.0614	0.0259		0.00433
1961	0.12	8	5	4	0.01729	7
1962	20.72	18.33	10.14	3.955	2.648	0.6544
1963	27.16	23.15	10.47	4.595	3.102	0.7694
			0.0737	0.0297		0.00922
1964	0.1905	0.1431	3	4	0.02033	5
			0.0731			
1965	0.2461	0.184	6	0.0328	0.03257	0.01033
1966	30.22	22.97	10.39	3.848	2.568	0.6371
			0.0631	0.0505		
1967	0.1762	0.1322	9	5	0.04243	0.01301

1968	2.968	2.222	0.9596	0.3827	0.256	0.06425
1969	21.2	16.66	9.734	3.879	2.602	0.6434
1970	10.86	8.52	3.313	1.221	0.8155	0.2028
		0.0745	0.0266	0.0110		0.00304
1971	0.1052	9	9	2	0.007644	7
		0.0720	0.0348	0.0181		0.00355
1972	0.08414	8	1	3	0.01272	4
1973	235	192	105	40.33	26.92	6.648
1974	1.342	0.9892	0.3889	0.1812	0.1217	0.03547
1975	1730	1330	541	198	132	32.57
1976	105	87.91	37.81	14.04	9.379	2.312
						0.00969
1977	0.2779	0.2027	0.0766	0.0372	0.02744	2
1978	66.7	56.25	25.98	9.675	6.468	1.601
1979	330	251	105	39.35	26.27	6.487
1980	4.235	3.402	1.322	0.4849	0.3322	0.08233
1981	18.41	14.59	7.274	3.829	2.558	0.6334
1982	74.89	56.65	23.12	8.656	5.791	1.433
1983	219	185	96.37	40.17	26.81	6.622
		0.0574	0.0423	0.0283		0.00530
1984	0.07236	9	3	1	0.01913	5
1985	32.23	25.48	11.55	4.361	2.911	0.7202
1986	122	101	39.62	14.32	9.555	2.359
1987	4.158	3.034	1.144	0.492	0.3317	0.08471
			0.0991	0.0472		0.00959
1988	0.5435	0.3393	1	2	0.0336	3
1989	19	13.73	7.122	2.584	1.724	0.4254
1990	193	130	42.83	15.19	10.13	2.501

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1730	1330	541	198	132	32.57
0.064516129	330	251	105	40.33	26.92	6.648
0.096774194	235	192	105	40.17	26.81	6.622
0.129032258	219	185	96.37	39.35	26.27	6.487
0.161290323	193	130	42.83	15.19	10.13	2.501
0.193548387	122	101	39.62	14.32	9.555	2.359
0.225806452	105	87.91	37.81	14.04	9.379	2.312
0.258064516	74.89	56.65	25.98	9.675	6.468	1.601
0.290322581	66.7	56.25	23.12	8.656	5.791	1.433
0.322580645	32.23	25.48	11.55	4.595	3.102	0.7694
0.35483871	30.22	23.15	10.47	4.361	2.911	0.7202
0.387096774	27.16	22.97	10.39	3.955	2.648	0.6544
0.419354839	21.2	18.33	10.14	3.879	2.602	0.6434
0.451612903	20.72	16.66	9.734	3.848	2.568	0.6371
0.483870968	19	14.59	7.274	3.829	2.558	0.6334
0.516129032	18.41	13.73	7.122	2.584	1.724	0.4254
0.548387097	10.86	8.52	3.313	1.221	0.8155	0.2028
0.580645161	4.235	3.402	1.322	0.492	0.3322	0.08471

0.612903226	4.158	3.034	1.144	0.4849	0.3317	0.08233
0.64516129	2.968	2.222	0.9596	0.3827	0.256	0.06425
0.677419355	1.342	0.9892	0.3889	0.1812	0.1217	0.03547
			0.0991	0.0505		
0.709677419	0.5435	0.3393	1	5	0.04243	0.01301
				0.0472		
0.741935484	0.2779	0.2027	0.0766	2	0.0336	0.01033
			0.0737			0.00969
0.774193548	0.2461	0.184	3	0.0372	0.03257	2
			0.0731			0.00959
0.806451613	0.1905	0.1431	6	0.0328	0.02744	3
			0.0631	0.0297		0.00922
0.838709677	0.1762	0.1322	9	4	0.02033	5
		0.0923	0.0614	0.0283		0.00530
0.870967742	0.12	8	5	1	0.01913	5
		0.0745	0.0423	0.0259		0.00433
0.903225806	0.1052	9	3	4	0.01729	7
		0.0720	0.0348	0.0181		0.00355
0.935483871	0.08414	8	1	3	0.01272	4
		0.0574	0.0266	0.0110		0.00304
0.967741935	0.07236	9	9	2	0.007644	7
			104.13			
0.1	233.4	191.3	7	40.088	26.756	6.6085
					Average of yearly averages:	2.25179 8

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbussels

Metfile: w23273.dvf

PRZM scenario: CAlettuceSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl

Description	e Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil	asm	97.6	days	Halfife

Metabolism

Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	290.25	kg/ha	
Application Efficiency:	APPEF		fraction	
Spray Drift	DRFT	1	n	
Application Date	Date	0	fraction of application rate applied to pond	
Record 17:	FILTRA	2-Feb	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNOF			
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)	

stored as **CABroccoliN.out**

Chemical: telone

PRZM environment:

CAColeCropRLF_V2.txt modified Wedday, 26 March 2008 at 09:29:34

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	220	183	78.48	29.76	19.86	4.901
1962	99.74	78.55	34.44	13.11	8.745	2.158
1963	149	123	49.19	18.08	12.07	2.98
1964	72.91	55.69	22.28	8.115	5.414	1.332
1965	362	301	139	51.85	34.6	8.54
1966	234	186	84.41	44.06	29.45	7.269
1967	433	334	149	55.22	36.84	9.091
1968	275	211	98.18	38.54	25.72	6.328
1969	98.51	73.95	42.77	15.78	10.52	2.597
1970	87.74	63.46	31.08	11.38	7.591	1.873

1971	57.25	43.66	18.14	8.696	5.954	1.47
1972	32.3	26.32	12.22	4.543	3.045	0.7498
1973	356	281	127	46.99	31.36	7.738
1974	650	491	201	73.99	49.38	12.19
1975	67.35	50.33	20.39	8.021	5.357	1.322
1976	20.79	15.96	8.787	5.476	3.953	0.974
1977	701	552	248	94.2	62.94	15.53
1978	322	264	107	38.96	26	6.414
1979	223	170	73.5	27.13	18.1	4.466
1980	226	180	88.35	32.83	21.9	5.39
1981	145	111	51.3	18.93	12.63	3.116
1982	534	409	175	66.28	44.23	10.92
1983	95.3	78.36	44.68	16.92	11.29	2.787
1984	24.08	18.44	7.803	3.36	2.253	0.5543
1985	34.5	27.23	14.4	8.741	5.856	1.445
1986	267	206	88.62	33.48	22.33	5.511
1987	495	375	154	56.5	37.7	9.302
1988	128	97.34	44.19	16.93	11.29	2.779
1989	60.53	46.56	21.1	9.219	6.207	1.532
1990	132	110	49.87	21.52	14.37	3.546

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	701	552	248	94.2	62.94	15.53
0.064516129	650	491	201	73.99	49.38	12.19
0.096774194	534	409	175	66.28	44.23	10.92
0.129032258	495	375	154	56.5	37.7	9.302
0.161290323	433	334	149	55.22	36.84	9.091
0.193548387	362	301	139	51.85	34.6	8.54
0.225806452	356	281	127	46.99	31.36	7.738
0.258064516	322	264	107	44.06	29.45	7.269
0.290322581	275	211	98.18	38.96	26	6.414
0.322580645	267	206	88.62	38.54	25.72	6.328
0.35483871	234	186	88.35	33.48	22.33	5.511
0.387096774	226	183	84.41	32.83	21.9	5.39
0.419354839	223	180	78.48	29.76	19.86	4.901
0.451612903	220	170	73.5	27.13	18.1	4.466
0.483870968	149	123	51.3	21.52	14.37	3.546
0.516129032	145	111	49.87	18.93	12.63	3.116
0.548387097	132	110	49.19	18.08	12.07	2.98
0.580645161	128	97.34	44.68	16.93	11.29	2.787
0.612903226	99.74	78.55	44.19	16.92	11.29	2.779
0.64516129	98.51	78.36	42.77	15.78	10.52	2.597
0.677419355	95.3	73.95	34.44	13.11	8.745	2.158
0.709677419	87.74	63.46	31.08	11.38	7.591	1.873
0.741935484	72.91	55.69	22.28	9.219	6.207	1.532
0.774193548	67.35	50.33	21.1	8.741	5.954	1.47
0.806451613	60.53	46.56	20.39	8.696	5.856	1.445

0.838709677	57.25	43.66	18.14	8.115	5.414	1.332
0.870967742	34.5	27.23	14.4	8.021	5.357	1.322
0.903225806	32.3	26.32	12.22	5.476	3.953	0.974
0.935483871	24.08	18.44	8.787	4.543	3.045	0.7498
0.967741935	20.79	15.96	7.803	3.36	2.253	0.5543

0.1	530.1	405.6	172.9	65.30 2	43.577	10.7582
					Average of yearly averages:	4.82683 7

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbroccoliN

Metfile: w23234.dvf

PRZM scenario: CAColeCropRLF_V2.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		
Henry's Law Const.	henry	-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Half-life
Anaerobic Aquatic Metabolism	kbacs	60	days	Half-life
Aerobic Soil Metabolism	asm	97.6	days	Half-life
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		290.2		
Application Rate:	TAPP	5	kg/ha	
	APPEF		fraction	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	

Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

stored as **CAbroccoli.out**

Chemical: telone

PRZM environment:

CAColeCropRLF_V2.txt modified Wedday, 26 March 2008 at 09:29:34

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	13.56	11.38	5.175	2.3	1.587	0.4052
1962	18.84	14.89	6.576	3.418	2.356	0.5852
1963	10.59	8.563	3.691	2.174	1.649	0.4154
1964	50.53	38.93	15.61	6.059	4.132	1.019
1965	109	92.8	44.47	17.15	11.51	2.921
1966	77.4	61.72	27.97	11.31	7.557	1.867
1967	115	88.21	40.17	14.91	10.02	2.48
1968	122	93.6	47.2	21.08	14.25	3.509
1969	45.41	34.98	17.04	6.37	4.254	1.051
1970	63.26	46.61	20.42	7.736	5.175	1.278
1971	14.01	10.13	4.403	2.124	2.356	0.5853
1972	7.085	5.843	2.743	1.021	0.7178	0.1821
1973	100	79.02	53.86	21.18	14.17	3.501
1974	151	114	47.85	18.48	12.65	3.146
1975	9.77	7.361	2.846	1.287	0.9844	0.2516
1976	4.438	3.565	2.303	1.284	0.9287	0.2386
1977	503	396	178	67.12	47.02	11.63
1978	205	169	73.65	27.36	18.3	4.557
1979	153	119	59.62	22.87	15.36	3.797
1980	36.66	30.36	15.16	6.111	4.086	1.008
1981	82.94	63.86	33.95	13.02	8.743	2.159
1982	498	381	163	62.61	42.04	10.42
1983	48.73	41	24.22	9.171	6.127	1.514

				0.861		
1984	3.29	2.52	1.467	5	0.6031	0.1655
1985	12.74	10.06	4.71	2.895	2.253	0.5617
1986	115	88.59	38.04	14.89	9.972	2.461
1987	247	187	76.67	29.42	19.76	4.878
1988	53.9	41.07	21.53	9.316	6.238	1.654
1989	10.27	7.9	3.552	1.868	1.422	0.3628
1990	44.18	36.67	22.68	11.57	7.873	1.971

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	503	396	178	67.12	47.02	11.63
0.064516129	498	381	163	62.61	42.04	10.42
0.096774194	247	187	76.67	29.42	19.76	4.878
0.129032258	205	169	73.65	27.36	18.3	4.557
0.161290323	153	119	59.62	22.87	15.36	3.797
0.193548387	151	114	53.86	21.18	14.25	3.509
0.225806452	122	93.6	47.85	21.08	14.17	3.501
0.258064516	115	92.8	47.2	18.48	12.65	3.146
0.290322581	115	88.59	44.47	17.15	11.51	2.921
0.322580645	109	88.21	40.17	14.91	10.02	2.48
0.35483871	100	79.02	38.04	14.89	9.972	2.461
0.387096774	82.94	63.86	33.95	13.02	8.743	2.159
0.419354839	77.4	61.72	27.97	11.57	7.873	1.971
0.451612903	63.26	46.61	24.22	11.31	7.557	1.867
0.483870968	53.9	41.07	22.68	9.316	6.238	1.654
0.516129032	50.53	41	21.53	9.171	6.127	1.514
0.548387097	48.73	38.93	20.42	7.736	5.175	1.278
0.580645161	45.41	36.67	17.04	6.37	4.254	1.051
0.612903226	44.18	34.98	15.61	6.111	4.132	1.019
0.64516129	36.66	30.36	15.16	6.059	4.086	1.008
0.677419355	18.84	14.89	6.576	3.418	2.356	0.5853
0.709677419	14.01	11.38	5.175	2.895	2.356	0.5852
0.741935484	13.56	10.13	4.71	2.3	2.253	0.5617
0.774193548	12.74	10.06	4.403	2.174	1.649	0.4154
0.806451613	10.59	8.563	3.691	2.124	1.587	0.4052
0.838709677	10.27	7.9	3.552	1.868	1.422	0.3628
0.870967742	9.77	7.361	2.846	1.287	0.9844	0.2516
0.903225806	7.085	5.843	2.743	1.284	0.9287	0.2386
0.935483871	4.438	3.565	2.303	1.021	0.7178	0.1821
				0.861		
0.967741935	3.29	2.52	1.467	5	0.6031	0.1655
			76.36	29.21		
0.1	242.8	185.2	8	4	19.614	4.8459
					Average of yearly averages:	2.3524 8

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbroccoli

Metfile: w23234.dvf

PRZM scenario: CAColeCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		
Henry's Law Const.	henry	-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Half-life
Anaerobic Aquatic Metabolism	kbacs	60	days	Half-life
Aerobic Soil Metabolism	asm	97.6	days	Half-life
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		290.2		
Application Rate:	TAPP	5	kg/ha	
	APPEF		fraction	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOF	none	none, monthly or total(average of entire run)	

F

stored as **CAblackberryN.out**

Chemical: telone

PRZM environment:

CAWineGrapesRLF_V2

.txt

modified Wedday, 26 March 2008 at 09:40:10

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	6.714	4.788	1.729	0.619	0.4129	0.1018
1962	170	133	57.19	20.75	13.84	3.416
1963	15.22	10.71	4.128	1.487	0.9921	0.2448
	0.0001	6.72E-	3.24E-	2.23E-		5.87E-
1964	12	05	05	05	1.73E-05	06
	0.0240	0.0171	0.006	0.0022		0.0003
1965	1	4	2	16	0.001478	65
						0.0618
1966	3.389	2.563	1.034	0.3758	0.2508	8
						0.0361
1967	2.409	1.687	0.616	0.2195	0.1464	2
1968	106	80.25	32.74	11.9	7.94	1.954
1969	111	79.19	29.86	10.75	7.168	1.769
1970	8.665	5.87	3.291	1.391	0.9279	0.229
1971	9.259	6.698	2.487	0.8909	0.5943	0.1466
	0.0002	0.0002	7.51E-	2.98E-		7.36E-
1972	96	07	05	05	2.43E-05	06
1973	142	106	42.4	15.25	10.17	2.51
1974	34.92	26	13.91	5.194	3.465	0.855
			0.093			0.0055
1975	0.2795	0.2014	17	0.0339	0.02262	9
1976	282	210	77.8	27.92	18.62	4.583
						0.0988
1977	3.664	2.738	1.056	0.6002	0.4004	6
1978	6.992	4.991	2.505	0.9075	0.6053	0.1493
1979	77.75	59.4	22.8	8.207	5.474	1.351
1980	293	230	95.77	34.59	23.08	5.678
1981	20.11	14.87	5.587	2.016	1.345	0.3319
1982	1180	887	355	129	85.99	21.22
1983	38.96	30.5	14.74	5.629	3.755	0.9267
	7.29E-	7.27E-	6.87E-	5.04E-		1.06E-
1984	05	05	05	05	3.86E-05	05
			0.600			
1985	2.437	1.707	2	0.2188	0.1459	0.036
1986	269	208	77.85	27.79	18.54	4.575
1987	0.3065	0.2199	0.080	0.0288	0.01935	0.0048

			43	9		01
	5.58E-	4.02E-	1.71E-	6.23E-		1.12E-
1988	05	05	05	06	4.28E-06	06
			0.579			
1989	2.217	1.575	6	0.2079	0.1386	0.0342
1990	333	246	95.32	34.43	22.97	5.667

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1180	887	355	129	85.99	21.22
0.064516129	333	246	95.77	34.59	23.08	5.678
0.096774194	293	230	95.32	34.43	22.97	5.667
0.129032258	282	210	77.85	27.92	18.62	4.583
0.161290323	269	208	77.8	27.79	18.54	4.575
0.193548387	170	133	57.19	20.75	13.84	3.416
0.225806452	142	106	42.4	15.25	10.17	2.51
0.258064516	111	80.25	32.74	11.9	7.94	1.954
0.290322581	106	79.19	29.86	10.75	7.168	1.769
0.322580645	77.75	59.4	22.8	8.207	5.474	1.351
0.35483871	38.96	30.5	14.74	5.629	3.755	0.9267
0.387096774	34.92	26	13.91	5.194	3.465	0.855
0.419354839	20.11	14.87	5.587	2.016	1.345	0.3319
0.451612903	15.22	10.71	4.128	1.487	0.9921	0.2448
0.483870968	9.259	6.698	3.291	1.391	0.9279	0.229
0.516129032	8.665	5.87	2.505	0.9075	0.6053	0.1493
0.548387097	6.992	4.991	2.487	0.8909	0.5943	0.1466
0.580645161	6.714	4.788	1.729	0.619	0.4129	0.1018
						0.0988
0.612903226	3.664	2.738	1.056	0.6002	0.4004	6
						0.0618
0.64516129	3.389	2.563	1.034	0.3758	0.2508	8
						0.0361
0.677419355	2.437	1.707	0.616	0.2195	0.1464	2
			0.600			
0.709677419	2.409	1.687	2	0.2188	0.1459	0.036
			0.579			
0.741935484	2.217	1.575	6	0.2079	0.1386	0.0342
			0.093			0.0055
0.774193548	0.3065	0.2199	17	0.0339	0.02262	9
			0.080	0.0288		0.0048
0.806451613	0.2795	0.2014	43	9	0.01935	01
	0.0240	0.0171	0.006	0.0022		0.0003
0.838709677	1	4	2	16	0.001478	65
	0.0002	0.0002	7.51E-	5.04E-		1.06E-
0.870967742	96	07	05	05	3.86E-05	05
	0.0001	7.27E-	6.87E-	2.98E-		7.36E-
0.903225806	12	05	05	05	2.43E-05	06
	7.29E-	6.72E-	3.24E-	2.23E-		5.87E-
0.935483871	05	05	05	05	1.73E-05	06
	5.58E-	4.02E-	1.71E-	6.23E-		1.12E-
0.967741935	05	05	05	06	4.28E-06	06

0.1	291.9	228	93.57 3	33.779	22.535	5.5586
					Average of yearly averages:	1.8661 98

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAblackberryN

Metfile: w23234.dvf
 PRZM scenario: CAWineGrapesRLF_V2.txt
 EXAMS environment
 file: pond298.exv
 Chemical Name: telone

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	372.16	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mm or dd-mm or dd-mmm	
	FILTR			
Record 17:	A			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		

	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAblackberry.out**

Chemical: telone

PRZM environment:

CAWineGrapesRLF_V2

.txt

modified Wedday, 26 March 2008 at 09:40:10

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf

09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
		0.692				0.0185
1961	0.9709	3	0.25	0.1078	0.07278	8
1962	111	90.61	42.76	15.79	10.54	2.603
						0.0770
1963	3.228	2.272	1.157	0.46	0.3076	9
	0.0538	0.041	0.016	0.0060		0.0020
1964	7	34	56	08	0.004527	94
			0.125	0.0477		0.0090
1965	0.3958	0.277	2	4	0.0322	78
		0.227	0.091	0.0340		0.0085
1966	0.3014	9	94	8	0.02454	48
		0.449	0.262			0.0205
1967	0.6535	5	1	0.1145	0.07818	6
1968	15.3	11.61	4.746	1.952	1.304	0.3231
1969	69.8	49.95	21.97	8.062	5.38	1.331
			0.929			0.0720
1970	3.485	2.361	9	0.4233	0.2843	2
		0.628	0.241	0.0898		
1971	0.8684	2	7	8	0.06077	0.0156
	0.0635	0.047	0.019	0.0104		0.0030
1972	7	58	89	1	0.007212	75
1973	9.817	7.316	2.894	1.06	0.7088	0.1779
1974	12.82	9.547	4.049	1.55	1.036	0.2565
			0.631			0.0485
1975	1.788	1.19	8	0.275	0.1933	9
1976	9.754	7.725	2.973	1.068	0.7135	0.176
1977	6.843	4.87	1.75	0.6598	0.4414	0.1117
						0.0767
1978	3.847	2.746	1.066	0.4546	0.3073	8
1979	41.89	34.3	13.9	5.104	3.406	0.8439
1980	221	177	84.18	30.71	20.49	5.043
1981	3.776	2.792	1.157	0.45	0.3082	0.0782
1982	893	670	268	97.4	64.99	16.04

1983	9.329	7.911	3.836	1.616	1.082	0.2711
	0.0582	0.042	0.024	0.0113		0.0029
1984	9	62	03	2	0.007741	8
		0.291	0.098	0.0578		0.0122
1985	0.4166	8	65	9	0.03941	3
1986	263	197	74.81	26.99	18	4.443
	0.0626	0.047	0.019	0.0137		0.0047
1987	3	42	48	6	0.01083	08
			0.216	0.0803		0.0146
1988	0.8779	0.621	9	9	0.05433	5
		0.310	0.144	0.0541		0.0116
1989	0.4371	5	8	2	0.0369	7
1990	301	223	86.17	31.12	20.76	5.126

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	893	670	268	97.4	64.99	16.04
0.064516129	301	223	86.17	31.12	20.76	5.126
0.096774194	263	197	84.18	30.71	20.49	5.043
0.129032258	221	177	74.81	26.99	18	4.443
0.161290323	111	90.61	42.76	15.79	10.54	2.603
0.193548387	69.8	49.95	21.97	8.062	5.38	1.331
0.225806452	41.89	34.3	13.9	5.104	3.406	0.8439
0.258064516	15.3	11.61	4.746	1.952	1.304	0.3231
0.290322581	12.82	9.547	4.049	1.616	1.082	0.2711
0.322580645	9.817	7.911	3.836	1.55	1.036	0.2565
0.35483871	9.754	7.725	2.973	1.068	0.7135	0.1779
0.387096774	9.329	7.316	2.894	1.06	0.7088	0.176
0.419354839	6.843	4.87	1.75	0.6598	0.4414	0.1117
0.451612903	3.847	2.792	1.157	0.46	0.3082	0.0782
						0.0770
0.483870968	3.776	2.746	1.157	0.4546	0.3076	9
						0.0767
0.516129032	3.485	2.361	1.066	0.45	0.3073	8
			0.929			0.0720
0.548387097	3.228	2.272	9	0.4233	0.2843	2
			0.631			0.0485
0.580645161	1.788	1.19	8	0.275	0.1933	9
		0.692	0.262			0.0205
0.612903226	0.9709	3	1	0.1145	0.07818	6
		0.628				0.0185
0.64516129	0.8779	2	0.25	0.1078	0.07278	8
			0.241	0.0898		
0.677419355	0.8684	0.621	7	8	0.06077	0.0156
		0.449	0.216	0.0803		0.0146
0.709677419	0.6535	5	9	9	0.05433	5
		0.310	0.144	0.0578		0.0122
0.741935484	0.4371	5	8	9	0.03941	3
		0.291	0.125	0.0541		0.0116
0.774193548	0.4166	8	2	2	0.0369	7
			0.098	0.0477		0.0090
0.806451613	0.3958	0.277	65	4	0.0322	78

		0.227	0.091	0.0340		0.0085
0.838709677	0.3014	9	94	8	0.02454	48
	0.0635	0.047	0.024	0.0137		0.0047
0.870967742	7	58	03	6	0.01083	08
	0.0626	0.047	0.019	0.0113		0.0030
0.903225806	3	42	89	2	0.007741	75
	0.0582	0.042	0.019	0.0104		0.0029
0.935483871	9	62	48	1	0.007212	8
	0.0538	0.041	0.016	0.0060		0.0020
0.967741935	7	34	56	08	0.004527	94
			83.24			
0.1	258.8	195	3	30.338	20.241	4.983
					Average of yearly averages:	1.2407 55

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbblackberry

Metfile: w23234.dvf
CAWineGrapesRLF_V2.t

PRZM scenario: xt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
			intege	
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		372.1		
Application Rate:	TAPP	6	kg/ha	
Application Efficiency:	APPEF	1	fractio	

	F	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond
Application Date	Date	15-02	dd/mm or dd/mm or dd-mm or dd-mmm
Record 17:	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNO		
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)

stored as **CAbarleyN.out**

Chemical: telone

PRZM environment:

CAWheatRLF_V2.txt modified Wedday, 26 March 2008 at 09:39:38

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	79.8	66.14	33.46	12.77	8.524	2.104
1962	37.88	31.74	16.55	6.426	4.291	1.059
1963	27.73	23.9	11.08	4.138	2.763	0.6818
				0.738		
1964	3.626	2.922	1.58	2	0.4934	0.1214
		0.603	0.273	0.119		
1965	0.7544	1	5	7	0.08122	0.02005
1966	20.37	16.54	7.561	3.212	2.145	0.5294
1967	13.75	11.1	5.439	2.182	1.457	0.3596
1968	17.8	14.45	7.643	3.319	2.218	0.546
1969	684	537	250	93.62	62.5	15.42
1970	167	137	67.36	25.43	16.97	4.188
				0.435		
1971	2.726	2.1	1.036	6	0.2919	0.07208
1972	14.46	11.28	5.236	2.053	1.37	0.337
1973	82.76	65.12	32.87	12.61	8.416	2.077
1974	66.76	54.39	28.75	11.04	7.373	1.82
1975	104	84.8	41.68	16.15	10.79	2.662
1976	17.97	14.62	8.165	3.127	2.087	0.5137
1977	166	134	63.75	24.96	16.68	4.118
1978	42.81	32.96	15.16	5.718	3.816	0.9417
1979	93.49	73.51	34.58	13.06	8.719	2.151

1980	63.96	52.82	24.49	9.177	6.124	1.507
1981	31.45	24.82	12.44	4.708	3.142	0.7751
1982	159	127	59.42	22.76	15.2	3.751
1983	227	181	101	37.71	25.17	6.21
1984	8.689	7.074	4.367	1.862	1.243	0.3058
1985	14.06	11.86	6.583	3.712	2.509	0.6194
1986	51.31	40.99	19.09	7.752	5.176	1.277
1987	305	252	118	45.11	30.11	7.432
1988	54.33	46.27	22.14	8.52	5.69	1.401
1989	124	103	53.41	21.84	14.59	3.601
1990	67.52	57.89	29.55	11.37	7.591	1.873

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	684	537	250	93.62	62.5	15.42
0.064516129	305	252	118	45.11	30.11	7.432
0.096774194	227	181	101	37.71	25.17	6.21
0.129032258	167	137	67.36	25.43	16.97	4.188
0.161290323	166	134	63.75	24.96	16.68	4.118
0.193548387	159	127	59.42	22.76	15.2	3.751
0.225806452	124	103	53.41	21.84	14.59	3.601
0.258064516	104	84.8	41.68	16.15	10.79	2.662
0.290322581	93.49	73.51	34.58	13.06	8.719	2.151
0.322580645	82.76	66.14	33.46	12.77	8.524	2.104
0.35483871	79.8	65.12	32.87	12.61	8.416	2.077
0.387096774	67.52	57.89	29.55	11.37	7.591	1.873
0.419354839	66.76	54.39	28.75	11.04	7.373	1.82
0.451612903	63.96	52.82	24.49	9.177	6.124	1.507
0.483870968	54.33	46.27	22.14	8.52	5.69	1.401
0.516129032	51.31	40.99	19.09	7.752	5.176	1.277
0.548387097	42.81	32.96	16.55	6.426	4.291	1.059
0.580645161	37.88	31.74	15.16	5.718	3.816	0.9417
0.612903226	31.45	24.82	12.44	4.708	3.142	0.7751
0.64516129	27.73	23.9	11.08	4.138	2.763	0.6818
0.677419355	20.37	16.54	8.165	3.712	2.509	0.6194
0.709677419	17.97	14.62	7.643	3.319	2.218	0.546
0.741935484	17.8	14.45	7.561	3.212	2.145	0.5294
0.774193548	14.46	11.86	6.583	3.127	2.087	0.5137
0.806451613	14.06	11.28	5.439	2.182	1.457	0.3596
0.838709677	13.75	11.1	5.236	2.053	1.37	0.337
0.870967742	8.689	7.074	4.367	1.862	1.243	0.3058
0.903225806	3.626	2.922	1.58	0.738	0.4934	0.1214
0.935483871	2.726	2.1	1.036	0.435	0.2919	0.07208
0.967741935	0.7544	0.603	0.273	0.119	0.08122	0.02005
0.1	221	176.6	97.63	36.48	24.35	6.0078

Average of
yearly
averages: 2.28246
8

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbarleyN

Metfile: w93193.dvf
CAWheatRLF_V2

PRZM scenario: .txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
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		110.9		
Molecular weight	mwt	7	g/mol	

		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	

Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
----	----	--	------	--

Koc	Koc	41	mg/L	
-----	-----	----	------	--

Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic				Halfif
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Metabolism	kbacw	195.2	days	e
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Anaerobic Aquatic				Halfif
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Metabolism	kbacs	60	days	e
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Aerobic Soil				Halfif
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Metabolism	asm	97.6	days	e
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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			intege	
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Method:	CAM	6	r	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
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		203.6		
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Application Rate:	TAPP	2	kg/ha	
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			fractio	
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Application Efficiency:	APPEFF	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
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Application Date	Date	1-Jan	dd/mm or dd/mm/m or dd-mm or dd-mm/m	
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Record 17:	FILTRA			
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	IPSCND	1		
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	UPTKF	0		
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Record 18:	PLVKRT	0		
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	PLDKRT	0		
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	FEXTRC	0.5	
Flag for Index Res.	IR	EPA Pond	
Run	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

stored as **CAbarley.out**

Chemical: telone

PRZM environment:

CAWheatRLF_V2.txt modified Wedday, 26 March 2008 at 09:39:38

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
				0.876		
1961	4.297	3.562	1.777	8	0.7204	0.2086
1962	4.928	4.13	2.19	1.052	0.7744	0.2154
				0.253		0.0465
1963	1.518	1.229	0.615	1	0.1791	5
			0.377	0.267		0.0870
1964	0.9194	0.7409	2	9	0.2419	7
			0.613	0.364		0.0958
1965	1.139	0.8665	3	5	0.3075	5
			0.511	0.416		
1966	0.853	0.6319	6	4	0.3514	0.1159
1967	8.474	6.84	3.708	1.556	1.094	0.2896
			0.733	0.514		
1968	1.923	1.524	2	5	0.4553	0.1564
1969	19.66	15.44	8.947	3.66	2.565	0.657
1970	30.16	25.73	14.82	5.72	3.892	0.9958
			0.286	0.204		
1971	0.5611	0.4051	3	5	0.1779	0.0545
				0.840		
1972	3.389	2.642	1.203	8	0.664	0.1926
1973	9.064	7.133	3.948	2.038	1.577	0.4471
1974	31.92	27.59	13.78	5.417	3.716	0.9641
1975	18.35	14.96	7.34	2.864	1.937	0.4979
			0.278	0.115		0.0224
1976	0.4968	0.4265	4	1	0.07995	9
1977	57.29	46.16	21.96	8.573	5.815	1.476
1978	18.14	14.3	8.404	3.872	2.775	0.7392
1979	20.93	16.48	8.838	3.85	2.694	0.7049
1980	10.78	9.555	5.473	2.527	1.763	0.4668
				0.472		0.0864
1981	2.097	1.657	1.101	2	0.3328	5
1982	80.79	64.62	30.18	11.61	7.936	2.014
1983	13.67	11.2	7.715	3.317	2.27	0.5925
1984	1.242	0.9808	0.482	0.307	0.2569	0.0822

			4	9		9
			0.824	0.620		
1985	1.854	1.51	3	5	0.5172	0.1796
1986	18.52	14.8	6.889	4.379	3.126	0.8149
1987	23.01	19.73	9.578	3.95	2.747	0.7334
1988	13.56	11.2	6.015	2.579	1.877	0.5369
1989	16.89	14.03	7.267	3.203	2.456	0.6933
1990	16.6	13.7	7.228	2.914	1.983	0.5047

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	80.79	64.62	30.18	11.61	7.936	2.014
0.064516129	57.29	46.16	21.96	8.573	5.815	1.476
0.096774194	31.92	27.59	14.82	5.72	3.892	0.9958
0.129032258	30.16	25.73	13.78	5.417	3.716	0.9641
0.161290323	23.01	19.73	9.578	4.379	3.126	0.8149
0.193548387	20.93	16.48	8.947	3.95	2.775	0.7392
0.225806452	19.66	15.44	8.838	3.872	2.747	0.7334
0.258064516	18.52	14.96	8.404	3.85	2.694	0.7049
0.290322581	18.35	14.8	7.715	3.66	2.565	0.6933
0.322580645	18.14	14.3	7.34	3.317	2.456	0.657
0.35483871	16.89	14.03	7.267	3.203	2.27	0.5925
0.387096774	16.6	13.7	7.228	2.914	1.983	0.5369
0.419354839	13.67	11.2	6.889	2.864	1.937	0.5047
0.451612903	13.56	11.2	6.015	2.579	1.877	0.4979
0.483870968	10.78	9.555	5.473	2.527	1.763	0.4668
0.516129032	9.064	7.133	3.948	2.038	1.577	0.4471
0.548387097	8.474	6.84	3.708	1.556	1.094	0.2896
0.580645161	4.928	4.13	2.19	1.052	0.7744	0.2154
				0.876		
0.612903226	4.297	3.562	1.777	8	0.7204	0.2086
				0.840		
0.64516129	3.389	2.642	1.203	8	0.664	0.1926
				0.620		
0.677419355	2.097	1.657	1.101	5	0.5172	0.1796
			0.824	0.514		
0.709677419	1.923	1.524	3	5	0.4553	0.1564
			0.733	0.472		
0.741935484	1.854	1.51	2	2	0.3514	0.1159
				0.416		0.0958
0.774193548	1.518	1.229	0.615	4	0.3328	5
			0.613	0.364		0.0870
0.806451613	1.242	0.9808	3	5	0.3075	7
			0.511	0.307		0.0864
0.838709677	1.139	0.8665	6	9	0.2569	5
			0.482	0.267		0.0822
0.870967742	0.9194	0.7409	4	9	0.2419	9
			0.377	0.253		
0.903225806	0.853	0.6319	2	1	0.1791	0.0545
			0.286	0.204		0.0465
0.935483871	0.5611	0.4265	3	5	0.1779	5

0.967741935	0.4968	0.4051	0.278 4	0.115 1	0.07995	0.0224 9
0.1	31.744	27.404	14.71 6	5.689 7	3.8744	0.9926 3
Average of yearly averages:						0.4890 6

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAbarley

Metfile: w93193.dvf
CAWheatRLF_V2.

PRZM scenario: txt

EXAMS environment file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m^3/mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Half-life
Anaerobic Aquatic Metabolism	kbacs	60	days	Half-life
Aerobic Soil Metabolism	asm	97.6	days	Half-life
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	203.62	kg/ha	
Application Efficiency:	APPEFF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF	0		

Record 18: PLVKRT 0
 PLDKRT 0
 FEXTRC 0.5

Flag for Index Res.
 Run IR EPA Pond
 RUNOF

Flag for runoff calc. F none none, monthly or total(average of entire run)

stored as **CAasparagusN.out**

Chemical: telone

PRZM environment:

CARowCropRLF_V2.tx

t modified Wedday, 26 March 2008 at 09:38:52

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	54.14	43.23	18.22	6.601	4.404	1.086
1962	20.41	15.97	6.958	2.56	1.708	0.4214
1963	27.09	22.61	8.887	3.215	2.145	0.5293
1964	42.75	32.21	12.84	4.653	3.104	0.7636
1965	83.88	66.07	29.59	11.02	7.352	1.814
1966	41.05	32.43	14.67	7.576	5.063	1.25
1967	224	171	76.23	28.04	18.71	4.615
1968	58.1	44.58	19.85	7.885	5.262	1.295
1969	43.46	32.07	17.26	6.33	4.223	1.042
1970	22.01	15.71	5.675	2.041	1.361	0.3358
						0.0945
1971	4.902	3.738	1.553	0.5725	0.3832	5
		0.552		0.0901		0.0148
1972	0.7044	6	0.2366	3	0.06019	1
1973	92.64	70.29	31.89	11.77	7.855	1.938
1974	229	173	70.32	25.78	17.2	4.245
1975	22.82	16.81	6.113	2.19	1.461	0.3606
		0.907				0.0222
1976	1.224	8	0.3723	0.1354	0.09032	3
1977	301	237	106	40.01	26.7	6.588
1978	114	88.49	34.89	12.67	8.455	2.086
1979	111	84.37	35.36	12.94	8.632	2.13
1980	33.25	26.66	12.13	4.526	3.02	0.7432
1981	39.89	30.7	13.42	4.941	3.297	0.8134
1982	181	138	58.04	21.59	14.41	3.555
1983	20.02	16.05	9.145	3.396	2.266	0.5591
	0.0239	0.017	0.0063	0.0022		0.0003
1984	2	27	59	69	0.001519	75
						0.0625
1985	3.554	2.619	1.048	0.3803	0.2537	8

1986	75.15	57.89	24.63	9.08	6.058	1.495
1987	168	127	51.83	19	12.68	3.128
1988	23.6	17.99	7.814	2.921	1.949	0.4795
	0.0377	0.029	0.0151	0.0066		0.0010
1989	6	05	6	58	0.004446	98
1990	22.35	18.36	7.619	2.788	1.86	0.4589

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	301	237	106	40.01	26.7	6.588
0.064516129	229	173	76.23	28.04	18.71	4.615
0.096774194	224	171	70.32	25.78	17.2	4.245
0.129032258	181	138	58.04	21.59	14.41	3.555
0.161290323	168	127	51.83	19	12.68	3.128
0.193548387	114	88.49	35.36	12.94	8.632	2.13
0.225806452	111	84.37	34.89	12.67	8.455	2.086
0.258064516	92.64	70.29	31.89	11.77	7.855	1.938
0.290322581	83.88	66.07	29.59	11.02	7.352	1.814
0.322580645	75.15	57.89	24.63	9.08	6.058	1.495
0.35483871	58.1	44.58	19.85	7.885	5.262	1.295
0.387096774	54.14	43.23	18.22	7.576	5.063	1.25
0.419354839	43.46	32.43	17.26	6.601	4.404	1.086
0.451612903	42.75	32.21	14.67	6.33	4.223	1.042
0.483870968	41.05	32.07	13.42	4.941	3.297	0.8134
0.516129032	39.89	30.7	12.84	4.653	3.104	0.7636
0.548387097	33.25	26.66	12.13	4.526	3.02	0.7432
0.580645161	27.09	22.61	9.145	3.396	2.266	0.5591
0.612903226	23.6	18.36	8.887	3.215	2.145	0.5293
0.64516129	22.82	17.99	7.814	2.921	1.949	0.4795
0.677419355	22.35	16.81	7.619	2.788	1.86	0.4589
0.709677419	22.01	16.05	6.958	2.56	1.708	0.4214
0.741935484	20.41	15.97	6.113	2.19	1.461	0.3606
0.774193548	20.02	15.71	5.675	2.041	1.361	0.3358
						0.0945
0.806451613	4.902	3.738	1.553	0.5725	0.3832	5
						0.0625
0.838709677	3.554	2.619	1.048	0.3803	0.2537	8
		0.907				0.0222
0.870967742	1.224	8	0.3723	0.1354	0.09032	3
		0.552		0.0901		0.0148
0.903225806	0.7044	6	0.2366	3	0.06019	1
	0.0377	0.029	0.0151	0.0066		0.0010
0.935483871	6	05	6	58	0.004446	98
	0.0239	0.017	0.0063	0.0022		0.0003
0.967741935	2	27	59	69	0.001519	75
0.1	219.7	167.7	69.092	25.361	16.921	4.176
					Average of yearly averages:	1.3975 81

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAAsparagusN

Metfile: w23234.dvf
 PRZM scenario: CARowCropRLF_V2.txt
 EXAMS environment
 file: pond298.exv
 Chemical Name: telone

Variable

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		290.2		
Application Rate:	TAPP	5	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAasparagus.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

Metfile: w23234.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
						0.0884
1961	3.827	3.094	1.32	0.5065	0.3557	2
						0.0907
1962	2.3	1.695	1.007	0.5306	0.3618	9
						0.0951
1963	4.126	3.177	1.381	0.5377	0.3834	2
1964	7.819	5.941	2.374	0.8626	0.5773	0.1423
1965	16.91	13.74	7.537	2.911	1.946	0.4843
1966	5.062	3.999	1.808	1.088	0.7289	0.1844
1967	11.58	8.965	4.17	1.553	1.076	0.2669
1968	3.427	2.746	1.199	0.6758	0.4809	0.119
1969	7.479	5.806	2.735	1.217	0.8255	0.205
1970	7	5.148	2.257	0.8539	0.5796	0.1435
		0.227	0.0944	0.0420		
1971	0.2981	4	8	3	0.04669	0.0123
	0.0508	0.039	0.0170			0.0029
1972	5	9	8	0.0105	0.00938	64
1973	7.221	5.53	3.678	1.609	1.088	0.2718
1974	26.59	20.07	8.205	3.036	2.062	0.5169
1975	1.551	1.143	0.4434	0.2143	0.1652	0.0409
		0.267				0.0070
1976	0.3189	5	0.1095	0.0428	0.02856	95
1977	134	106	47.48	17.86	11.95	2.951
1978	42.92	35.45	17.96	6.885	4.659	1.158
1979	6.294	4.829	2.844	1.225	0.8298	0.2057
1980	10.82	8.285	4.068	1.681	1.148	0.2841
						0.0861
1981	2.584	2.125	1.3	0.5053	0.3477	8
1982	236	180	75.46	28.2	18.86	4.665
1983	2.705	2.324	1.402	0.6072	0.4168	0.1061
		0.132	0.0401	0.0184		0.0036
1984	0.2197	8	5	3	0.01231	99
		0.713				0.0228
1985	0.9681	4	0.2818	0.124	0.0903	2
1986	18.58	14.31	6.088	2.44	1.655	0.4101
1987	45.89	34.69	14.13	5.273	3.521	0.8725
1988	7.724	5.886	3.356	1.357	0.9115	0.2322
		0.518		0.0859		0.0154
1989	0.7347	9	0.1842	1	0.06045	1
1990	2.539	2.074	0.8776	0.3825	0.2657	0.0673

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	236	180	75.46	28.2	18.86	4.665
0.064516129	134	106	47.48	17.86	11.95	2.951
0.096774194	45.89	35.45	17.96	6.885	4.659	1.158
0.129032258	42.92	34.69	14.13	5.273	3.521	0.8725
0.161290323	26.59	20.07	8.205	3.036	2.062	0.5169
0.193548387	18.58	14.31	7.537	2.911	1.946	0.4843
0.225806452	16.91	13.74	6.088	2.44	1.655	0.4101
0.258064516	11.58	8.965	4.17	1.681	1.148	0.2841
0.290322581	10.82	8.285	4.068	1.609	1.088	0.2718
0.322580645	7.819	5.941	3.678	1.553	1.076	0.2669
0.35483871	7.724	5.886	3.356	1.357	0.9115	0.2322
0.387096774	7.479	5.806	2.844	1.225	0.8298	0.2057
0.419354839	7.221	5.53	2.735	1.217	0.8255	0.205
0.451612903	7	5.148	2.374	1.088	0.7289	0.1844
0.483870968	6.294	4.829	2.257	0.8626	0.5796	0.1435
0.516129032	5.062	3.999	1.808	0.8539	0.5773	0.1423
0.548387097	4.126	3.177	1.402	0.6758	0.4809	0.119
0.580645161	3.827	3.094	1.381	0.6072	0.4168	0.1061
						0.0951
0.612903226	3.427	2.746	1.32	0.5377	0.3834	2
						0.0907
0.64516129	2.705	2.324	1.3	0.5306	0.3618	9
						0.0884
0.677419355	2.584	2.125	1.199	0.5065	0.3557	2
						0.0861
0.709677419	2.539	2.074	1.007	0.5053	0.3477	8
						0.0673
0.741935484	2.3	1.695	0.8776	0.3825	0.2657	6
0.774193548	1.551	1.143	0.4434	0.2143	0.1652	0.0409
		0.713				0.0228
0.806451613	0.9681	4	0.2818	0.124	0.0903	2
		0.518		0.0859		0.0154
0.838709677	0.7347	9	0.1842	1	0.06045	1
		0.267				
0.870967742	0.3189	5	0.1095	0.0428	0.04669	0.0123
		0.227	0.0944	0.0420		0.0070
0.903225806	0.2981	4	8	3	0.02856	95
		0.132	0.0401	0.0184		0.0036
0.935483871	0.2197	8	5	3	0.01231	99
	0.0508	0.039	0.0170			0.0029
0.967741935	5	9	8	0.0105	0.00938	64
		35.37				1.1294
0.1	45.593	4	17.577	6.7238	4.5452	5
					Average of yearly averages:	0.4583 95

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAasparagus

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	110.9		
		7	g/mol	
		3.55E		

Henry's Law Const.	henry	-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
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Aerobic Soil Metabolism	asm	97.6	days	Halfife
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Hydrolysis:	pH 5	0	days	Half-life
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Hydrolysis:	pH 7	0	days	Half-life
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Hydrolysis:	pH 9	0	days	Half-life
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Method:	CAM	6	integer	See PRZM manual
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Incorporation Depth:	DEPI	30	cm	
		290.2		

Application Rate:	TAPP	5	kg/ha	
	APPEF		fractio	

Application Efficiency:	F	1	n	
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Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Jan	dd/mm or dd/mm or dd-mm or dd-mmm	

Record 17:	FILTRA			
	IPSCN			

	D	1		
	UPTKF	0		

	PLVKR			
Record 18:	T	0		

	PLDKR			
	T	0		

	FEXTR			
	C	0.5		

Flag for Index Res. Run	IR	EPA Pond		
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Flag for runoff calc.	RUNOF	none	none, monthly or total(average of entire run)	
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F

stored as **CAalmondN.out**

Chemical: telone

PRZM modified Wedday, 13 June 2007 at 12:17:16

environment:

CAalmond_WirrigS

TD.txt

EXAMS modified Thuday, 29 August 2002 at 16:33:30

environment:

pond298.exv

Metfile: w23232.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	42.46	35.4	17.93	6.741	4.499	1.11
1962	15.9	12.79	6.045	2.375	1.585	0.3912
1963	48.1	41.52	19.57	7.472	4.988	1.231
1964	198	156	67.96	25.11	16.76	4.124
1965	52.9	44.69	23.73	8.961	5.981	1.476
1966	4.826	3.77	1.61	0.5968	0.3982	0.09826
1967	257	198	90.76	34.67	23.14	5.712
1968	119	94.66	57.1	21.96	14.66	3.608
1969	105	80.27	36.36	13.47	8.989	2.219
1970	107	84	36.66	13.52	9.02	2.226
1971	0.001203	0.000886	0.000432	0.000174	0.000134	3.50E-05
1972	1.334	1.05	0.4703	0.1761	0.1175	0.02891
1973	189	156	73.82	27.76	18.53	4.572
1974	65.69	51.67	22.51	8.371	5.587	1.379
1975	0.014	0.01037	0.004094	0.001498	0.001007	0.00025
1976	0.000175	0.00013	5.18E-05	1.90E-05	1.27E-05	3.13E-06
1977	481	385	180	69.19	46.19	11.4
1978	95.96	71.86	31.07	11.39	7.599	1.876
1979	74.04	59.39	26.86	10.05	6.708	1.656
1980	250	215	98.85	36.64	24.45	6.017
1981	178	138	59.74	22.2	14.81	3.656
1982	1110	872	389	146	97.7	24.11
1983	15.97	13.46	7.215	2.694	1.798	0.4437
1984	5.57E-05	4.06E-05	1.65E-05	1.24E-05	1.17E-05	3.17E-06
1985	1.246	0.9568	0.4061	0.151	0.1007	0.02485
1986	233	186	86.28	32.73	21.84	5.39
1987	182	143	64.03	24.12	16.1	3.973
1988	37.51	31.47	15.71	6.101	4.073	1.002
1989	0.000784	0.000616	0.000278	0.000115	8.10E-05	2.05E-05
1990	717	565	252	94.67	63.19	15.59

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	1110	872	389	146	97.7	24.11
0.064516129	717	565	252	94.67	63.19	15.59

0.096774194	481	385	180	69.19	46.19	11.4
0.129032258	257	215	98.85	36.64	24.45	6.017
0.161290323	250	198	90.76	34.67	23.14	5.712
0.193548387	233	186	86.28	32.73	21.84	5.39
0.225806452	198	156	73.82	27.76	18.53	4.572
0.258064516	189	156	67.96	25.11	16.76	4.124
0.290322581	182	143	64.03	24.12	16.1	3.973
0.322580645	178	138	59.74	22.2	14.81	3.656
0.35483871	119	94.66	57.1	21.96	14.66	3.608
0.387096774	107	84	36.66	13.52	9.02	2.226
0.419354839	105	80.27	36.36	13.47	8.989	2.219
0.451612903	95.96	71.86	31.07	11.39	7.599	1.876
0.483870968	74.04	59.39	26.86	10.05	6.708	1.656
0.516129032	65.69	51.67	23.73	8.961	5.981	1.476
0.548387097	52.9	44.69	22.51	8.371	5.587	1.379
0.580645161	48.1	41.52	19.57	7.472	4.988	1.231
0.612903226	42.46	35.4	17.93	6.741	4.499	1.11
0.64516129	37.51	31.47	15.71	6.101	4.073	1.002
0.677419355	15.97	13.46	7.215	2.694	1.798	0.4437
0.709677419	15.9	12.79	6.045	2.375	1.585	0.3912
0.741935484	4.826	3.77	1.61	0.5968	0.3982	0.09826
0.774193548	1.334	1.05	0.4703	0.1761	0.1175	0.02891
0.806451613	1.246	0.9568	0.4061	0.151	0.1007	0.02485
0.838709677	0.014	0.01037	0.004094	0.001498	0.001007	0.00025
0.870967742	0.001203	0.000886	0.000432	0.000174	0.000134	3.50E-05
0.903225806	0.000784	0.000616	0.000278	0.000115	8.10E-05	2.05E-05
0.935483871	0.000175	0.00013	5.18E-05	1.90E-05	1.27E-05	3.17E-06
0.967741935	5.57E-05	4.06E-05	1.65E-05	1.24E-05	1.17E-05	3.13E-06

0.1	458.6	368	171.885	65.935	44.016	10.8617
					Average of yearly averages:	3.443808

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAalmondN

Metfile: w23232.dvf

PRZM scenario: CAalmond_WirrigSTD.txt

EXAMS pond298.exv

environment file:

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	110.97	g/mol	
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Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
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Vapor Pressure	vapr	34	torr	
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Solubility	sol	2500	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	41	mg/L	
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Photolysis half-life	kdp	0	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	195.2 days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60 days	Halfife
Aerobic Soil Metabolism	asm	97.6 days	Halfife
Hydrolysis:	pH 5	0 days	Half-life
Hydrolysis:	pH 7	0 days	Half-life
Hydrolysis:	pH 9	0 days	Half-life
Method:	CAM	6 integer	See PRZM manual
Incorporation Depth:	DEPI	30 cm	
Application Rate:	TAPP	405.33 kg/ha	
Application Efficiency:	APPEFF	1 fraction	
Spray Drift	DRFT	0 fraction of application rate applied to pond	
Application Date	Date	1-Feb dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA		
	IPSCND	1	
	UPTKF	0	
Record 18:	PLVKRT	0	
	PLDKRT	0	
	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)

stored as **CAalmond.out**

Chemical: telone

PRZM environment:

CAalmond_WirrigSTD.t

xt modified Wedday, 13 June 2007 at 12:17:16

EXAMS environment:

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

modified Wedday, 3 July 2002 at

Metfile: w23232.dvf 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
				0.551		
1961	2.56	2.225	1.432	5	0.3784	0.1141
				0.428		0.0926
1962	2.884	2.384	1.097	4	0.2932	2
				0.916		
1963	5.68	4.747	2.354	1	0.6224	0.1689
1964	13.12	10.44	4.576	1.694	1.143	0.3034
1965	61.84	48.32	23.21	8.884	5.933	1.492
			0.680	0.256		0.0727
1966	2.04	1.593	2	7	0.2012	7
				0.553		
1967	3.682	2.918	1.42	4	0.3741	0.1074

			0.985	0.500		
1968	2.223	1.764	8	5	0.3387	0.104
1969	13.78	10.49	6.378	2.517	1.682	0.434
1970	12.68	9.879	4.436	1.735	1.165	0.3175
		0.131	0.077	0.055		0.0188
1971	0.1864	9	09	07	0.0501	5
		0.527	0.236	0.110		0.0400
1972	0.6705	7	4	4	0.08357	9
1973	7.202	5.703	3.732	1.522	1.021	0.2763
1974	14.52	12.05	6.222	2.385	1.598	0.4215
		0.362	0.201	0.091		0.0320
1975	0.469	9	8	08	0.06405	5
		0.076	0.059	0.046		
1976	0.1075	96	03	73	0.03942	0.0134
1977	265	212	99.53	38.16	25.48	6.309
1978	122	91.39	48.17	18.36	12.27	3.057
1979	25.2	20.04	12.63	4.978	3.333	0.8469
1980	32.11	28.54	14.6	5.601	3.744	0.9406
				0.894		
1981	4.739	3.962	2.322	8	0.6031	0.1722
1982	368	291	130	49.12	32.82	8.125
			0.969	0.412		0.0779
1983	2.055	1.625	4	2	0.278	8
		0.096	0.076	0.071		0.0267
1984	0.1373	95	84	95	0.06816	8
		0.593	0.250	0.103		0.0396
1985	0.7728	3	4	8	0.09137	3
1986	41.73	33.31	15.46	6.348	4.251	1.064
1987	45.27	35.62	15.95	6.184	4.147	1.057
1988	15.41	12.39	7.007	2.867	1.954	0.5137
		0.272	0.117	0.072		0.0313
1989	0.3713	5	7	25	0.06416	1
1990	38.58	31.45	14.35	5.561	3.728	0.9475

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	368	291	130	49.12	32.82	8.125
0.064516129	265	212	99.53	38.16	25.48	6.309
0.096774194	122	91.39	48.17	18.36	12.27	3.057
0.129032258	61.84	48.32	23.21	8.884	5.933	1.492
0.161290323	45.27	35.62	15.95	6.348	4.251	1.064
0.193548387	41.73	33.31	15.46	6.184	4.147	1.057
0.225806452	38.58	31.45	14.6	5.601	3.744	0.9475
0.258064516	32.11	28.54	14.35	5.561	3.728	0.9406
0.290322581	25.2	20.04	12.63	4.978	3.333	0.8469
0.322580645	15.41	12.39	7.007	2.867	1.954	0.5137
0.35483871	14.52	12.05	6.378	2.517	1.682	0.434
0.387096774	13.78	10.49	6.222	2.385	1.598	0.4215
0.419354839	13.12	10.44	4.576	1.735	1.165	0.3175
0.451612903	12.68	9.879	4.436	1.694	1.143	0.3034

0.483870968	7.202	5.703	3.732	1.522	1.021	0.2763
				0.916		
0.516129032	5.68	4.747	2.354	1	0.6224	0.1722
				0.894		
0.548387097	4.739	3.962	2.322	8	0.6031	0.1689
				0.553		
0.580645161	3.682	2.918	1.432	4	0.3784	0.1141
				0.551		
0.612903226	2.884	2.384	1.42	5	0.3741	0.1074
				0.500		
0.64516129	2.56	2.225	1.097	5	0.3387	0.104
			0.985	0.428		0.0926
0.677419355	2.223	1.764	8	4	0.2932	2
			0.969	0.412		0.0779
0.709677419	2.055	1.625	4	2	0.278	8
			0.680	0.256		0.0727
0.741935484	2.04	1.593	2	7	0.2012	7
		0.593	0.250	0.110		0.0400
0.774193548	0.7728	3	4	4	0.09137	9
		0.527	0.236	0.103		0.0396
0.806451613	0.6705	7	4	8	0.08357	3
		0.362	0.201	0.091		0.0320
0.838709677	0.469	9	8	08	0.06816	5
		0.272	0.117	0.072		0.0313
0.870967742	0.3713	5	7	25	0.06416	1
		0.131	0.077	0.071		0.0267
0.903225806	0.1864	9	09	95	0.06405	8
		0.096	0.076	0.055		0.0188
0.935483871	0.1373	95	84	07	0.0501	5
		0.076	0.059	0.046		
0.967741935	0.1075	96	03	73	0.03942	0.0134
	115.98	87.08	45.67	17.41		
0.1	4	3	4	24	11.6363	2.9005
					Average of yearly averages:	0.9072 49

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAAlmond

Metfile: w23232.dvf

PRZM scenario: CAAlmond_WirrigSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl

Description	e Name	Value	Units	Comments
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Molecular weight	mwt	110.9		
		7	g/mol	

Henry's Law Const.	henry	3.55E-		
Vapor Pressure	vapr	03	atm-m^3/mol	
		34	torr	

Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		405.3		
Application Rate:	TAPP	3	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Feb	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAalfalfaN.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

Metfile: w93193.dvf 10:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	93	77.08	37.6	14.29	9.537	2.354
1962	50.2	42.06	22.27	9.675	6.464	1.595

1963	86.66	69.44	33.74	12.77	8.524	2.104
1964	7.004	5.644	2.668	1.02	0.6808	0.1676
		0.015	0.0064	0.0023		0.0003
1965	0.0205	59	36	46	0.001565	87
1966	25.88	21.02	9.607	3.63	2.423	0.5978
1967	79.73	64.36	32.41	12.73	8.498	2.097
1968	5.445	4.42	2.073	1.391	0.937	0.2307
1969	435	341	171	64.41	43	10.61
1970	150	127	70.29	26.69	17.81	4.396
	0.0440	0.032	0.0128	0.0046		0.0007
1971	6	71	2	51	0.003119	77
1972	23.34	18.19	7.962	2.963	1.977	0.4864
1973	35.27	27.75	17.19	6.795	4.538	1.12
1974	79.14	67.57	32.84	12.73	8.499	2.098
1975	59.4	48.4	23.74	9.176	6.127	1.512
1976	65.57	55.48	28.14	10.75	7.177	1.766
1977	58.8	47.37	22.54	8.669	5.788	1.428
1978	24.11	18.62	12.43	5.11	3.412	0.8419
1979	73.89	57.99	30.32	11.56	7.715	1.904
1980	38.76	32.63	15.98	5.981	3.992	0.9824
1981	65.05	51.32	31.85	12.24	8.172	2.016
1982	191	153	71.42	27.35	18.26	4.507
1983	206	167	98.6	37.42	24.97	6.162
1984	26.35	20.82	9.412	3.513	2.344	0.5767
1985	15.25	12.42	6.086	2.718	1.865	0.4605
1986	40.06	31.24	14.05	7.988	5.358	1.323
1987	166	137	63.97	24.43	16.31	4.026
1988	14.63	12.41	6.483	2.595	1.735	0.4269
1989	39.59	32.9	17.04	7.406	4.959	1.224
1990	161	132	69.3	26.79	17.89	4.414

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	435	341	171	64.41	43	10.61
0.064516129	206	167	98.6	37.42	24.97	6.162
0.096774194	191	153	71.42	27.35	18.26	4.507
0.129032258	166	137	70.29	26.79	17.89	4.414
0.161290323	161	132	69.3	26.69	17.81	4.396
0.193548387	150	127	63.97	24.43	16.31	4.026
0.225806452	93	77.08	37.6	14.29	9.537	2.354
0.258064516	86.66	69.44	33.74	12.77	8.524	2.104
0.290322581	79.73	67.57	32.84	12.73	8.499	2.098
0.322580645	79.14	64.36	32.41	12.73	8.498	2.097
0.35483871	73.89	57.99	31.85	12.24	8.172	2.016
0.387096774	65.57	55.48	30.32	11.56	7.715	1.904
0.419354839	65.05	51.32	28.14	10.75	7.177	1.766
0.451612903	59.4	48.4	23.74	9.675	6.464	1.595
0.483870968	58.8	47.37	22.54	9.176	6.127	1.512
0.516129032	50.2	42.06	22.27	8.669	5.788	1.428

0.548387097	40.06	32.9	17.19	7.988	5.358	1.323
0.580645161	39.59	32.63	17.04	7.406	4.959	1.224
0.612903226	38.76	31.24	15.98	6.795	4.538	1.12
0.64516129	35.27	27.75	14.05	5.981	3.992	0.9824
0.677419355	26.35	21.02	12.43	5.11	3.412	0.8419
0.709677419	25.88	20.82	9.607	3.63	2.423	0.5978
0.741935484	24.11	18.62	9.412	3.513	2.344	0.5767
0.774193548	23.34	18.19	7.962	2.963	1.977	0.4864
0.806451613	15.25	12.42	6.483	2.718	1.865	0.4605
0.838709677	14.63	12.41	6.086	2.595	1.735	0.4269
0.870967742	7.004	5.644	2.668	1.391	0.937	0.2307
0.903225806	5.445	4.42	2.073	1.02	0.6808	0.1676
	0.0440	0.032	0.0128	0.0046		0.0007
0.935483871	6	71	2	51	0.003119	77
		0.015	0.0064	0.0023		0.0003
0.967741935	0.0205	59	36	46	0.001565	87
	0.1	188.5	151.4	71.307	27.294	18.223
						4.4977
					Average of	
					yearly	2.0476
					averages:	02

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAalfalfaN

Metfile: w93193.dvf

PRZM scenario: CAalfalfa_WirrigOP.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone
Variabl
e

Description	Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E-		
Henry's Law Const.	henry	03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life

Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		191.4		
Application Rate:	TAPP	1	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-Feb	dd/mm or dd/mm/yy or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		
	RUNO			
Flag for runoff calc.	FF	none	none, monthly or total(average of entire run)	

stored as **CAalfalfa.out**

Chemical: telone

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

modified Wedday, 3 July 2002 at

10:04:24

Metfile: w93193.dvf

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	30.86	25.57	12.5	4.751	3.173	0.7831
1962	18.35	15.38	8.224	3.862	2.581	0.637
1963	33.27	26.8	13.29	5.068	3.389	0.8362
			0.583			
1964	1.532	1.235	7	0.2231	0.1498	0.03694
1965	11.74	8.93	3.697	1.357	0.9051	0.2233
1966	8.589	6.974	3.188	1.205	0.8041	0.1984
1967	21.99	17.75	8.994	3.554	2.377	0.5868
1968	2.792	2.266	1.058	0.7518	0.5322	0.1313
1969	169	133	66.76	25.18	16.81	4.147
1970	53.94	45.36	24.48	9.379	6.276	1.549
		0.410	0.160	0.0830		
1971	0.5525	1	5	3	0.05609	0.01385
1972	9.554	7.448	3.259	1.213	0.8093	0.1992
1973	11.61	9.135	6.085	2.556	1.71	0.422

1974	48.34	41.09	20	7.761	5.201	1.284
1975	24.11	19.64	9.636	3.729	2.496	0.6163
1976	26.86	22.81	11.53	4.402	2.938	0.723
1977	50.49	40.68	19.35	7.444	5.008	1.237
1978	21.91	16.93	10.92	4.611	3.08	0.7602
1979	37.42	29.37	15.76	6.092	4.07	1.004
1980	20.11	16.81	8.185	3.178	2.124	0.5228
1981	15.47	12.21	7.554	2.908	1.942	0.479
1982	157	125	58.44	22.38	14.96	3.692
1983	54.42	44.09	26.39	10.01	6.683	1.649
1984	14.25	11.26	5.091	1.903	1.271	0.3127
1985	11.4	9.289	4.55	1.871	1.294	0.3197
1986	34.19	26.65	13.1	7.058	4.749	1.172
1987	114	93.93	43.91	17	11.41	2.817
1988	12.16	10.32	5.418	2.248	1.566	0.3871
1989	27.56	22.9	11.86	5.36	3.652	0.9019
1990	40.6	33.41	17.49	6.916	4.618	1.14

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258065	169	133	66.76	25.18	16.81	4.147
0.064516129	157	125	58.44	22.38	14.96	3.692
0.096774194	114	93.93	43.91	17	11.41	2.817
0.129032258	54.42	45.36	26.39	10.01	6.683	1.649
0.161290323	53.94	44.09	24.48	9.379	6.276	1.549
0.193548387	50.49	41.09	20	7.761	5.201	1.284
0.225806452	48.34	40.68	19.35	7.444	5.008	1.237
0.258064516	40.6	33.41	17.49	7.058	4.749	1.172
0.290322581	37.42	29.37	15.76	6.916	4.618	1.14
0.322580645	34.19	26.8	13.29	6.092	4.07	1.004
0.35483871	33.27	26.65	13.1	5.36	3.652	0.9019
0.387096774	30.86	25.57	12.5	5.068	3.389	0.8362
0.419354839	27.56	22.9	11.86	4.751	3.173	0.7831
0.451612903	26.86	22.81	11.53	4.611	3.08	0.7602
0.483870968	24.11	19.64	10.92	4.402	2.938	0.723
0.516129032	21.99	17.75	9.636	3.862	2.581	0.637
0.548387097	21.91	16.93	8.994	3.729	2.496	0.6163
0.580645161	20.11	16.81	8.224	3.554	2.377	0.5868
0.612903226	18.35	15.38	8.185	3.178	2.124	0.5228
0.64516129	15.47	12.21	7.554	2.908	1.942	0.479
0.677419355	14.25	11.26	6.085	2.556	1.71	0.422
0.709677419	12.16	10.32	5.418	2.248	1.566	0.3871
0.741935484	11.74	9.289	5.091	1.903	1.294	0.3197
0.774193548	11.61	9.135	4.55	1.871	1.271	0.3127
0.806451613	11.4	8.93	3.697	1.357	0.9051	0.2233
0.838709677	9.554	7.448	3.259	1.213	0.8093	0.1992
0.870967742	8.589	6.974	3.188	1.205	0.8041	0.1984
0.903225806	2.792	2.266	1.058	0.7518	0.5322	0.1313

0.935483871	1.532	1.235	0.583	7	0.2231	0.1498	0.03694
		0.410	0.160		0.0830		
0.967741935	0.5525	1	5	3		0.05609	0.01385
		89.07	42.15				
0.1	108.042	3	8	16.301		10.9373	2.7002
						Average of yearly averages:	0.95939 3

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: CAalfalfa

Metfile: w93193.dvf

PRZM scenario: CAalfalfa_WirrigOP.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
		110.9		
Molecular weight	mwt	7	g/mol	
		3.55E		
Henry's Law Const.	henry	-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	195.2	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	97.6	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	r	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
		191.4		
Application Rate:	TAPP	1	kg/ha	
	APPEF		fractio	
Application Efficiency:	F	1	n	
Spray Drift	DRFT	0		fraction of application rate applied to pond
Application Date	Date	1-Feb		dd/mm or dd/mmm or dd-mm or dd-mmm

Record 17:	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

Appendix C1. Characterization of PRZM-EXAMS Results: Tobacco Run-off Study versus NC Tobacco Scenario Edge-of-Field Runoff

I. NC Tobacco Results Without Volatilization in PRZM

stored as NCTobacco.out

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at 12:59:12

NCtobaccoSTD.txt

EXAMS environment:

pond298.exv

modified Thuday, 29 August 2002 at 16:33:30

modified Wedday, 3 July 2002 at

Metfile: w13722.dvf 09:05:50

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	13.71	7.824	3.799	1.362	0.9085	0.2241
1962	231	133	35.47	12.44	8.296	2.046
1963	2.22	1.268	0.3373	0.1184	0.07893	0.01982
1964	139	76.82	19.88	6.97	4.648	1.143
1965	12.77	7.285	2.179	0.7642	0.5097	0.1259
1966	19.39	11.36	3.269	1.147	0.7647	0.1887
		0.0243	0.00638	0.00223		0.00040
1967	0.04303	3	2	9	0.001494	6
1968	35.93	19.03	4.77	1.673	1.116	0.2744
1969	5.211	2.949	1.275	0.4489	0.2994	0.07392
1970	217	122	31.6	11.08	7.388	1.822
1971	4.093	2.217	0.6459	0.2274	0.1517	0.03767
1972	12.79	7.668	2.101	0.7374	0.4917	0.121
1973	3.701	2.204	0.6054	0.2125	0.1417	0.03497
1974	11.68	6.581	2.098	0.7382	0.4923	0.1214
1975	6.434	3.677	0.9739	0.3446	0.2298	0.05671
		0.0143	0.00385			0.00030
1976	0.02538	9	8	0.00179	0.001194	6
1977	14.6	8.227	2.2	0.7725	0.5152	0.1271
		0.0852		0.00776		0.00130
1978	0.153	8	0.02205	2	0.005176	7

1979	98.29	57.45	15.44	5.416	3.612	0.891
1980	20.08	10.94	2.861	1.01	0.6733	0.1658
1981	1.618	1.119	0.3677	0.1293	0.08622	0.02132
1982	8.389	4.909	1.379	0.4842	0.3229	0.07967
						0.00587
1983	0.603	0.3306	0.0842	0.03564	0.02377	8
1984	173	98.78	26.12	9.162	6.11	1.503
1985	24.64	13.8	5.165	1.814	1.21	0.2987
1986	46.37	24.68	6.484	2.274	1.517	0.3742
		0.0257	0.00883	0.00313		0.00057
1987	0.03668	7	4	9	0.002094	6
1988	11.74	7.759	2.022	0.7089	0.4727	0.1163
						0.00474
1989	0.5008	0.282	0.08167	0.02873	0.01916	2
1990	5.775	3.075	0.7857	0.284	0.1894	0.04671

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	231	133	35.47	12.44	8.296	2.046
0.064516	217	122	31.6	11.08	7.388	1.822
0.096774	173	98.78	26.12	9.162	6.11	1.503
0.129032	139	76.82	19.88	6.97	4.648	1.143
0.16129	98.29	57.45	15.44	5.416	3.612	0.891
0.193548	46.37	24.68	6.484	2.274	1.517	0.3742
0.225806	35.93	19.03	5.165	1.814	1.21	0.2987
0.258065	24.64	13.8	4.77	1.673	1.116	0.2744
0.290323	20.08	11.36	3.799	1.362	0.9085	0.2241
0.322581	19.39	10.94	3.269	1.147	0.7647	0.1887
0.354839	14.6	8.227	2.861	1.01	0.6733	0.1658
0.387097	13.71	7.824	2.2	0.7725	0.5152	0.1271
0.419355	12.79	7.759	2.179	0.7642	0.5097	0.1259
0.451613	12.77	7.668	2.101	0.7382	0.4923	0.1214
0.483871	11.74	7.285	2.098	0.7374	0.4917	0.121
0.516129	11.68	6.581	2.022	0.7089	0.4727	0.1163
0.548387	8.389	4.909	1.379	0.4842	0.3229	0.07967
0.580645	6.434	3.677	1.275	0.4489	0.2994	0.07392
0.612903	5.775	3.075	0.9739	0.3446	0.2298	0.05671
0.645161	5.211	2.949	0.7857	0.284	0.1894	0.04671
0.677419	4.093	2.217	0.6459	0.2274	0.1517	0.03767
0.709677	3.701	2.204	0.6054	0.2125	0.1417	0.03497
0.741935	2.22	1.268	0.3677	0.1293	0.08622	0.02132
0.774194	1.618	1.119	0.3373	0.1184	0.07893	0.01982
						0.00587
0.806452	0.603	0.3306	0.0842	0.03564	0.02377	8
						0.00474
0.83871	0.5008	0.282	0.08167	0.02873	0.01916	2
		0.0852		0.00776		0.00130
0.870968	0.153	8	0.02205	2	0.005176	7
		0.0257	0.00883	0.00313		0.00057
0.903226	0.04303	7	4	9	0.002094	6
		0.0243	0.00638	0.00223		0.00040
0.935484	0.03668	3	2	9	0.001494	6

		0.0143	0.00385			0.00030
0.967742	0.02538	9	8	0.00179	0.001194	6
0.1	169.6	96.584	25.496	8.9428	5.9638	1.467
					Average of yearly averages:	0.33088 7

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: NCTobacco

Metfile: w13722.dvf
NCTobaccoSTD.t

PRZM scenario: xt
EXAMS environment
file: pond298.exv

Chemical Name: telone
Variable

Description	Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	4.9	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	33	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual
Incorporation Depth:	DEPI	30	cm	
Application Rate:	TAPP	354	kg/ha	
	APPEF			
Application Efficiency:	F	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	20-07	dd/mm or dd/mm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCN			
	D	1		
	UPTKF	0		
	PLVKR			
Record 18:	T	0		
	PLDKR			
	T	0		
	FEXTR			
	C	0.5		
Flag for Index Res. Run	IR	EPA Pond		

	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

II. NC Tobacco Scenario With Volatilization Invoked in PRZM

stored as NCTobaccoVol.out

Chemical: telone

PRZM environment: modified Tuesday, 29 May 2007 at
12:59:12

EXAMS environment:

pond298.exv modified Thuday, 29 August 2002 at 16:33:30
modified Wedday, 3 July 2002 at

Metfile: w13722.dvf 09:05:50

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
				0.0422		0.0069
1961	0.3569	0.2036	0.1046	7	0.02819	94
1962	19.16	11.02	3.055	1.076	0.7192	0.1776
			0.0785	0.0276		0.0051
1963	0.5144	0.2939	8	3	0.01888	94
1964	61.09	33.84	8.849	3.207	2.144	0.5275
						0.0255
1965	1.473	0.8705	0.4381	0.1544	0.1031	3
				0.0377		0.0062
1966	0.5656	0.3195	0.1069	8	0.0252	38
			0.0543	0.0213		0.0035
1967	0.2055	0.1162	8	5	0.01428	38
		0.0909		0.0124		0.0022
1968	0.1717	2	0.0332	5	0.009082	52
						0.0708
1969	4.973	3.111	1.2	0.4287	0.2871	5
1970	147	84.12	23.16	8.189	5.461	1.347
				0.0657		0.0112
1971	0.4309	0.2411	0.1334	3	0.04482	8
						0.0888
1972	8.105	4.642	1.475	0.5394	0.3609	4
						0.0568
1973	5.309	3.368	0.9758	0.3449	0.23	2
						0.0268
1974	1.325	0.7465	0.4493	0.1631	0.1088	8
		0.0192	0.0058	0.0040		0.0007
1975	0.03371	6	56	8	0.002815	83
		0.0084	0.0028	0.0010		0.0001
1976	0.01356	48	29	81	0.000733	87
			0.0933	0.0376		0.0062
1977	0.5168	0.2912	5	7	0.02522	32
				0.0411		0.0068
1978	0.7849	0.4376	0.1131	2	0.02755	69
1979	31	22.87	7.063	2.515	1.679	0.4142
		0.0444	0.0137	0.0056		0.0010
1980	0.08154	2	1	35	0.003787	2
1981	0.4093	0.2465	0.0864	0.0313	0.02125	0.0052

			1	8		68
				0.0499		0.0083
1982	0.6177	0.3587	0.1407	3	0.03381	9
		0.0148	0.0037	0.0016		0.0005
1983	0.0271	6	84	31	0.001181	02
						0.0214
1984	1.248	0.8295	0.3699	0.13	0.08704	7
1985	51.91	29.25	7.758	2.762	1.842	0.4544
1986	12.25	6.748	1.9	0.8052	0.537	0.1326
		0.0212	0.0101	0.0047		0.0008
1987	0.03789	7	3	02	0.003139	05
						0.0825
1988	8.475	4.914	1.374	0.5024	0.3353	1
						0.0266
1989	2.757	1.554	0.4196	0.1596	0.1078	3
			0.0676	0.0259		0.0044
1990	0.4947	0.2635	9	6	0.01752	52

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	147	84.12	23.16	8.189	5.461	1.347
0.064516	61.09	33.84	8.849	3.207	2.144	0.5275
0.096774	51.91	29.25	7.758	2.762	1.842	0.4544
0.129032	31	22.87	7.063	2.515	1.679	0.4142
0.16129	19.16	11.02	3.055	1.076	0.7192	0.1776
0.193548	12.25	6.748	1.9	0.8052	0.537	0.1326
						0.0888
0.225806	8.475	4.914	1.475	0.5394	0.3609	4
						0.0825
0.258065	8.105	4.642	1.374	0.5024	0.3353	1
						0.0708
0.290323	5.309	3.368	1.2	0.4287	0.2871	5
						0.0568
0.322581	4.973	3.111	0.9758	0.3449	0.23	2
						0.0268
0.354839	2.757	1.554	0.4493	0.1631	0.1088	8
						0.0266
0.387097	1.473	0.8705	0.4381	0.1596	0.1078	3
						0.0255
0.419355	1.325	0.8295	0.4196	0.1544	0.1031	3
						0.0214
0.451613	1.248	0.7465	0.3699	0.13	0.08704	7
				0.0657		0.0112
0.483871	0.7849	0.4376	0.1407	3	0.04482	8
				0.0499		0.0083
0.516129	0.6177	0.3587	0.1334	3	0.03381	9
				0.0422		0.0069
0.548387	0.5656	0.3195	0.1131	7	0.02819	94
				0.0411		0.0068
0.580645	0.5168	0.2939	0.1069	2	0.02755	69
				0.0377		0.0062
0.612903	0.5144	0.2912	0.1046	8	0.02522	38
			0.0933	0.0376		0.0062
0.645161	0.4947	0.2635	5	7	0.0252	32

			0.0864	0.0313		0.0052
0.677419	0.4309	0.2465	1	8	0.02125	68
			0.0785	0.0276		0.0051
0.709677	0.4093	0.2411	8	3	0.01888	94
			0.0676	0.0259		0.0044
0.741935	0.3569	0.2036	9	6	0.01752	52
			0.0543	0.0213		0.0035
0.774194	0.2055	0.1162	8	5	0.01428	38
		0.0909		0.0124		0.0022
0.806452	0.1717	2	0.0332	5	0.009082	52
		0.0444	0.0137	0.0056		0.0010
0.83871	0.08154	2	1	35	0.003787	2
		0.0212	0.0101	0.0047		0.0008
0.870968	0.03789	7	3	02	0.003139	05
		0.0192	0.0058	0.0040		0.0007
0.903226	0.03371	6	56	8	0.002815	83
		0.0148	0.0037	0.0016		0.0005
0.935484	0.0271	6	84	31	0.001181	02
		0.0084	0.0028	0.0010		0.0001
0.967742	0.01356	48	29	81	0.000733	87
						0.4503
0.1	49.819	28.612	7.6885	2.7373	1.8257	8
					Average of yearly averages:	0.1174 28

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: NCTobaccoVol

Metfile: w13722.dvf

PRZM scenario: NCTobaccoSTD.txt

EXAMS environment
file: pond298.exv

Chemical Name: telone

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	110.97	g/mol	
Henry's Law Const.	henry	3.55E-03	atm-m ³ /mol	
Vapor Pressure	vapr	34	torr	
Solubility	sol	2500	mg/L	
Kd	Kd		mg/L	
Koc	Koc	41	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	4.9	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	60	days	Halfife
Aerobic Soil Metabolism	asm	33	days	Halfife
Hydrolysis:	pH 5	0	days	Half-life
Hydrolysis:	pH 7	0	days	Half-life
Hydrolysis:	pH 9	0	days	Half-life
Method:	CAM	6	integer	See PRZM manual

Incorporation Depth:	DEPI	30	cm
Application Rate:	TAPP	354	kg/ha
	APPEF		
Application Efficiency:	F	1	fraction
Spray Drift	DRFT	0	fraction of application rate applied to pond
Application Date	Date	20-07	dd/mm or dd/mm or dd-mm or dd-mmm
Record 17:	FILTRA		
	IPSCN		
	D	1	
	UPTKF	0	
	PLVKR		
Record 18:	T	0	
	PLDKR		
	T	0	
	FEXTR		
	C	0.5	
Flag for Index Res. Run	IR	EPA Pond	
	RUNOF		
Flag for runoff calc.	F	none	none, monthly or total(average of entire run)

III. Edge-of-Field Runoff Results from NC Tobacco with Volatilization Invoked in PRZM (from M. Corbin Excel spreadsheet)

Rolling Average Edge of Field Estimates

Year	Max Peak	Max 4 day	Max 14 day	Max 21 day	Max 30 day	Max 60 day	Max 90 day	Annual average
1961	2.64E+02	6.61E+01	1.96E+01	1.38E+01	9.71E+00	4.96E+00	3.31E+00	8.16E-01
1962	1.10E+03	2.75E+02	1.55E+02	1.05E+02	7.34E+01	3.67E+01	2.45E+01	6.04E+00
1963	5.15E+01	1.29E+01	4.04E+00	2.69E+00	1.88E+00	9.42E-01	6.31E-01	1.56E-01
1964	1.22E+04	3.05E+03	9.08E+02	6.09E+02	4.26E+02	2.13E+02	1.42E+02	3.49E+01
1965	2.14E+02	5.36E+01	2.14E+01	1.43E+01	9.99E+00	5.00E+00	3.35E+00	8.25E-01
1966	1.67E+01	6.48E+00	2.49E+00	1.66E+00	1.16E+00	5.81E-01	3.87E-01	9.55E-02
1967	2.50E+01	7.34E+00	2.57E+00	1.78E+00	1.24E+00	6.21E-01	4.14E-01	1.02E-01
1968	1.30E+01	3.26E+00	1.53E+00	1.02E+00	7.64E-01	3.82E-01	2.55E-01	6.26E-02
1969	3.00E+02	9.59E+01	4.12E+01	2.75E+01	1.92E+01	9.63E+00	6.42E+00	1.58E+00
1970	9.77E+03	2.88E+03	8.90E+02	5.95E+02	4.18E+02	2.09E+02	1.39E+02	3.44E+01
1971	5.00E+01	1.25E+01	5.48E+00	4.08E+00	2.86E+00	1.45E+00	9.66E-01	2.38E-01
1972	2.70E+02	8.84E+01	2.67E+01	1.78E+01	1.34E+01	6.71E+00	4.47E+00	1.10E+00
1973	1.34E+02	4.97E+01	1.42E+01	9.94E+00	6.96E+00	3.48E+00	2.32E+00	5.72E-01
1974	2.70E+02	6.75E+01	2.32E+01	1.55E+01	1.08E+01	5.41E+00	3.61E+00	9.69E-01
1975	1.00E+00	2.50E-01	7.14E-02	4.76E-02	3.33E-02	1.67E-02	1.11E-02	2.74E-03
1976	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1977	2.75E+01	6.87E+00	1.96E+00	1.61E+00	1.12E+00	5.72E-01	3.81E-01	9.40E-02
1978	1.60E+02	4.00E+01	1.14E+01	7.62E+00	5.33E+00	2.67E+00	1.78E+00	4.38E-01
1979	2.07E+03	9.85E+02	2.82E+02	1.88E+02	1.31E+02	6.59E+01	4.39E+01	1.08E+01
1980	2.86E+00	7.14E-01	2.04E-01	1.36E-01	9.52E-02	4.76E-02	3.17E-02	7.81E-03
1981	2.00E+01	6.35E+00	2.41E+00	1.61E+00	1.12E+00	5.62E-01	3.75E-01	9.24E-02
1982	1.00E+02	4.25E+01	1.29E+01	8.57E+00	6.00E+00	3.00E+00	2.00E+00	5.21E-01
1983	2.00E+00	5.00E-01	1.43E-01	9.52E-02	6.67E-02	1.67E-01	1.11E-01	5.48E-03

1984	9.00E+01	4.25E+01	1.76E+01	1.17E+01	8.22E+00	4.11E+00	2.74E+00	6.74E-01
1985	6.06E+02	1.52E+02	4.33E+01	2.89E+01	2.10E+01	1.05E+01	6.99E+00	1.72E+00
1986	6.02E+02	2.23E+02	6.63E+01	4.53E+01	3.25E+01	1.63E+01	1.09E+01	2.68E+00
1987	2.70E-01	6.76E-02	1.93E-02	1.29E-02	9.01E-03	4.50E-03	3.00E-03	7.40E-04
1988	1.06E+03	2.65E+02	8.07E+01	5.38E+01	3.77E+01	1.91E+01	1.27E+01	3.13E+00
1989	3.00E+01	7.50E+00	2.14E+00	2.27E+00	1.59E+00	7.96E-01	5.30E-01	1.31E-01
1990	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

90th % (ppb)	1196.6667	346.04167	167.31548	113.12401	79.186806	39.640911	26.43527	6.518691
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