

APPENDIX E: PRZM/EXAMS OUTPUT FILES

Asparagus Use - Ground: Outputs

stored as Asparagus-gd.out

Chemical: disulfoton

PRZM environment: CARowCropRLF_V2.txt

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

EXAMS environment: pond298.exv

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

Metfile: w23234.dvf

modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.829	7.756	7.352	5.411	4.323	1.175
1962	44.62	43.49	39.46	32.72	27.62	8.595
1963	21.15	20.8	19.42	16.68	14.76	6.706
1964	7.035	6.878	6.652	5.756	4.696	2.028
1965	9.75	9.613	9.094	7.182	5.618	2.636
1966	11.16	11.03	10.38	8.115	6.28	3.668
1967	7.973	7.841	7.317	6.303	5.582	2.81
1968	3.503	3.433	3.162	2.595	2.545	1.456
1969	15.36	14.96	13.46	11.28	9.356	2.937
1970	6.933	6.784	6.2	5.174	4.547	2.399
1971	3.034	2.956	2.664	2.214	2.18	1.171
1972	19.14	18.87	17.68	15	12.92	3.839
1973	9.801	9.638	8.991	7.759	6.909	3.824
1974	3.601	3.541	3.305	2.839	2.528	1.557
1975	8.236	8.052	7.361	6.183	5.431	1.866
1976	3.907	3.864	3.688	3.267	2.917	1.885
1977	11.14	10.9	10	6.881	5.352	2.459
1978	7.794	7.649	7.078	5.989	5.297	2.755
1979	12.75	12.45	11.61	10.11	8.06	2.785
1980	9.332	9.185	8.603	6.133	5.455	3.239
1981	7.46	7.345	6.884	6.126	5.498	3.441
1982	6.563	6.414	5.907	5.274	4.481	2.432
1983	4.916	4.819	4.559	3.731	3.404	2.041
1984	8.274	8.079	7.324	6.894	6.148	2.412
1985	5.793	5.682	5.396	4.088	3.619	2.345
1986	4.42	4.356	4.101	3.491	3.049	1.731
1987	3.62	3.547	3.267	2.979	2.81	1.255
1988	3.039	2.983	2.769	2.312	2.358	1.28
1989	8.879	8.681	7.976	7.517	6.64	2.461
1990	6.403	6.297	5.895	5.054	4.484	2.407

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	44.62	43.49	39.46	32.72	27.62	8.595
0.064516	21.15	20.8	19.42	16.68	14.76	6.706
0.096774	19.14	18.87	17.68	15	12.92	3.839

0.129032	15.36	14.96	13.46	11.28	9.356	3.824
0.16129	12.75	12.45	11.61	10.11	8.06	3.668
0.193548	11.16	11.03	10.38	8.115	6.909	3.441
0.225806	11.14	10.9	10	7.759	6.64	3.239
0.258065	9.801	9.638	9.094	7.517	6.28	2.937
0.290323	9.75	9.613	8.991	7.182	6.148	2.81
0.322581	9.332	9.185	8.603	6.894	5.618	2.785
0.354839	8.879	8.681	7.976	6.881	5.582	2.755
0.387097	8.274	8.079	7.361	6.303	5.498	2.636
0.419355	8.236	8.052	7.352	6.183	5.455	2.461
0.451613	7.973	7.841	7.324	6.133	5.431	2.459
0.483871	7.829	7.756	7.317	6.126	5.352	2.432
0.516129	7.794	7.649	7.078	5.989	5.297	2.412
0.548387	7.46	7.345	6.884	5.756	4.696	2.407
0.580645	7.035	6.878	6.652	5.411	4.547	2.399
0.612903	6.933	6.784	6.2	5.274	4.484	2.345
0.645161	6.563	6.414	5.907	5.174	4.481	2.041
0.677419	6.403	6.297	5.895	5.054	4.323	2.028
0.709677	5.793	5.682	5.396	4.088	3.619	1.885
0.741935	4.916	4.819	4.559	3.731	3.404	1.866
0.774194	4.42	4.356	4.101	3.491	3.049	1.731
0.806452	3.907	3.864	3.688	3.267	2.917	1.557
0.83871	3.62	3.547	3.305	2.979	2.81	1.456
0.870968	3.601	3.541	3.267	2.839	2.545	1.28
0.903226	3.503	3.433	3.162	2.595	2.528	1.255
0.935484	3.039	2.983	2.769	2.312	2.358	1.175
0.967742	3.034	2.956	2.664	2.214	2.18	1.171
0.1	18.762	18.479	17.258	14.628	12.5636	3.8375
					Average of yearly averages:	2.719833

Asparagus Use - Ground: Outputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Asparagus-gd

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.027	fraction of application rate applied to pond	
Application Date	Date	15-9	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	
app. rate 1	apprate	1.12	kg/ha	
Record 17:	FILTRA			
	IPSCND	3		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Asparagus Use - Aerial: Outputs

stored as Asparagus-aerial.out

Chemical: disulfoton

PRZM environment: CARowCropRLF_V2.txt

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

EXAMS environment: pond298.exv

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

Metfile: w23234.dvf

modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	10.84	10.71	10.26	8.55	8.093	2.359
1962	48.15	46.93	42.65	35.38	30.36	10.21
1963	22.91	22.53	21.04	18.08	16.01	8.43
1964	11.35	11.1	10.54	9.008	8.795	3.912
1965	13.65	13.46	12.71	10.68	9.742	4.565
1966	14.6	14.47	13.64	11.39	10.21	5.734
1967	10.49	10.32	9.648	8.333	7.39	4.675
1968	9.949	9.685	8.722	7.328	6.841	3.298
1969	19.84	19.33	17.41	14.6	12.74	4.6
1970	10.13	9.877	8.935	7.655	7.007	4.121
1971	9.957	9.701	8.74	7.151	6.513	3.053
1972	24.1	23.77	22.17	18.83	16.66	5.721
1973	12.35	12.15	11.34	9.793	8.725	5.753
1974	10.05	9.792	8.867	7.361	6.602	3.499
1975	13.62	13.32	12.23	10.46	9.608	3.765
1976	10.15	9.909	9.014	7.742	7.299	3.922
1977	14.26	13.97	12.84	9.884	9.044	4.461
1978	10.23	9.956	9.069	7.699	6.97	4.557
1979	17.01	16.62	15.47	13.48	11.84	4.656
1980	12.45	12.26	11.51	8.42	8.196	5.187
1981	11.33	11.09	10.45	9.3	9.069	5.396
1982	11.11	10.86	10.01	9.031	8.693	4.343
1983	10.12	9.87	9.187	8.088	7.719	3.959
1984	13.16	12.86	11.67	10.68	9.998	4.185
1985	10.17	9.918	8.991	7.683	7.825	4.218
1986	10.16	9.921	9.027	7.464	6.667	3.691
1987	9.936	9.672	8.743	7.837	7.231	3.24
1988	9.952	9.695	8.779	7.282	6.785	3.185
1989	13.47	13.17	12.12	11.08	10.73	4.379
1990	10.28	10.03	9.079	7.513	6.799	4.399

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	48.15	46.93	42.65	35.38	30.36	10.21
0.064516	24.1	23.77	22.17	18.83	16.66	8.43
0.096774	22.91	22.53	21.04	18.08	16.01	5.753
0.129032	19.84	19.33	17.41	14.6	12.74	5.734
0.16129	17.01	16.62	15.47	13.48	11.84	5.721

0.193548	14.6	14.47	13.64	11.39	10.73	5.396
0.225806	14.26	13.97	12.84	11.08	10.21	5.187
0.258065	13.65	13.46	12.71	10.68	9.998	4.675
0.290323	13.62	13.32	12.23	10.68	9.742	4.656
0.322581	13.47	13.17	12.12	10.46	9.608	4.6
0.354839	13.16	12.86	11.67	9.884	9.069	4.565
0.387097	12.45	12.26	11.51	9.793	9.044	4.557
0.419355	12.35	12.15	11.34	9.3	8.795	4.461
0.451613	11.35	11.1	10.54	9.031	8.725	4.399
0.483871	11.33	11.09	10.45	9.008	8.693	4.379
0.516129	11.11	10.86	10.26	8.55	8.196	4.343
0.548387	10.84	10.71	10.01	8.42	8.093	4.218
0.580645	10.49	10.32	9.648	8.333	7.825	4.185
0.612903	10.28	10.03	9.187	8.088	7.719	4.121
0.645161	10.23	9.956	9.079	7.837	7.39	3.959
0.677419	10.17	9.921	9.069	7.742	7.299	3.922
0.709677	10.16	9.918	9.027	7.699	7.231	3.912
0.741935	10.15	9.909	9.014	7.683	7.007	3.765
0.774194	10.13	9.877	8.991	7.655	6.97	3.691
0.806452	10.12	9.87	8.935	7.513	6.841	3.499
0.83871	10.05	9.792	8.867	7.464	6.799	3.298
0.870968	9.957	9.701	8.779	7.361	6.785	3.24
0.903226	9.952	9.695	8.743	7.328	6.667	3.185
0.935484	9.949	9.685	8.74	7.282	6.602	3.053
0.967742	9.936	9.672	8.722	7.151	6.513	2.359
0.1	22.603	22.21	20.677	17.732	15.683	5.7511
					Average of yearly averages:	4.582433

Asparagus, Ground: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Asparagus-aerial

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.09	fraction of application rate applied to pond	
Application Date	Date	15-9	dd/mm or dd/mm/yy or dd-mm or dd-mm/yy	
Interval 1	interval	7	days	
app. rate 1	apprate	1.12	kg/ha	
Record 17:	FILTRA			
	IPSCND	3		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Beans: Output

stored as Beans.out

Chemical: disulfoton

PRZM environment: CARowCropRLF_V2.txt

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

EXAMS environment: pond298.exv

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

Metfile: w23234.dvf

modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.5178	0.5123	0.4752	0.3922	0.3402	0.1264
1962	0.4977	0.4896	0.4561	0.3965	0.348	0.1327
1963	0.7656	0.7504	0.6905	0.5715	0.4925	0.1877
1964	0.8396	0.8269	0.7612	0.6261	0.5382	0.195
1965	0.1074	0.1057	0.09836	0.08414	0.07444	0.03017
1966	0.5814	0.5724	0.541	0.4562	0.401	0.157
1967	2.785	2.739	2.547	2.136	1.851	0.6853
1968	1.05	1.032	0.961	0.8152	0.7081	0.266
1969	1.859	1.837	1.683	1.359	1.169	0.4198
1970	0.2784	0.2727	0.2504	0.2109	0.1835	0.069
1971	0.02097	0.02052	0.01886	0.01562	0.01396	0.006442
1972	0.007928	0.007803	0.007272	0.006748	0.006136	0.002555
1973	1.829	1.793	1.672	1.418	1.236	0.4755
1974	0.08699	0.08565	0.08025	0.06972	0.06475	0.02745
1975	0.7639	0.747	0.6746	0.539	0.4601	0.1722
1976	0.07245	0.07104	0.06557	0.05337	0.04581	0.02064
1977	0.01708	0.01666	0.01512	0.01238	0.01053	0.004456
1978	0.3096	0.3052	0.2835	0.2374	0.2076	0.07842
1979	0.2443	0.2392	0.2197	0.2038	0.186	0.07357
1980	0.0168	0.01657	0.01548	0.01298	0.01145	0.005349
1981	0.6645	0.6561	0.6207	0.5338	0.469	0.1794
1982	0.03406	0.03351	0.03133	0.02656	0.02484	0.01174
1983	0.5003	0.4943	0.4633	0.3908	0.3455	0.1334
1984	0.01566	0.0155	0.01482	0.01328	0.01237	0.005089
1985	0.1255	0.1229	0.1128	0.09174	0.07847	0.02896
1986	0.04648	0.04546	0.04145	0.03397	0.02933	0.01135
1987	0.01865	0.01827	0.01688	0.01392	0.01201	0.004623
1988	0.2667	0.2619	0.2428	0.2046	0.1777	0.06683
1989	0.009559	0.009399	0.008943	0.008177	0.007856	0.003502
1990	0.02907	0.02845	0.02601	0.02136	0.01841	0.006896

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	2.785	2.739	2.547	2.136	1.851	0.6853
0.064516	1.859	1.837	1.683	1.418	1.236	0.4755
0.096774	1.829	1.793	1.672	1.359	1.169	0.4198
0.129032	1.05	1.032	0.961	0.8152	0.7081	0.266
0.16129	0.8396	0.8269	0.7612	0.6261	0.5382	0.195

0.193548	0.7656	0.7504	0.6905	0.5715	0.4925	0.1877
0.225806	0.7639	0.747	0.6746	0.539	0.469	0.1794
0.258065	0.6645	0.6561	0.6207	0.5338	0.4601	0.1722
0.290323	0.5814	0.5724	0.541	0.4562	0.401	0.157
0.322581	0.5178	0.5123	0.4752	0.3965	0.348	0.1334
0.354839	0.5003	0.4943	0.4633	0.3922	0.3455	0.1327
0.387097	0.4977	0.4896	0.4561	0.3908	0.3402	0.1264
0.419355	0.3096	0.3052	0.2835	0.2374	0.2076	0.07842
0.451613	0.2784	0.2727	0.2504	0.2109	0.186	0.07357
0.483871	0.2667	0.2619	0.2428	0.2046	0.1835	0.069
0.516129	0.2443	0.2392	0.2197	0.2038	0.1777	0.06683
0.548387	0.1255	0.1229	0.1128	0.09174	0.07847	0.03017
0.580645	0.1074	0.1057	0.09836	0.08414	0.07444	0.02896
0.612903	0.08699	0.08565	0.08025	0.06972	0.06475	0.02745
0.645161	0.07245	0.07104	0.06557	0.05337	0.04581	0.02064
0.677419	0.04648	0.04546	0.04145	0.03397	0.02933	0.01174
0.709677	0.03406	0.03351	0.03133	0.02656	0.02484	0.01135
0.741935	0.02907	0.02845	0.02601	0.02136	0.01841	0.006896
0.774194	0.02097	0.02052	0.01886	0.01562	0.01396	0.006442
0.806452	0.01865	0.01827	0.01688	0.01392	0.01237	0.005349
0.83871	0.01708	0.01666	0.01548	0.01328	0.01201	0.005089
0.870968	0.0168	0.01657	0.01512	0.01298	0.01145	0.004623
0.903226	0.01566	0.0155	0.01482	0.01238	0.01053	0.004456
0.935484	0.009559	0.009399	0.008943	0.008177	0.007856	0.003502
0.967742	0.007928	0.007803	0.007272	0.006748	0.006136	0.002555
0.1	1.7511	1.7169	1.6009	1.30462	1.12291	0.40442
					Average of yearly averages:	0.119581

Beans: Input

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Beans

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	5	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	15-1	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Broccoli, Cauliflower: Output

stored as Broc,Caul.out

Chemical: disulfoton

PRZM environment:

CAColeCropRLF_V2.txt

EXAMS environment: pond298.exv

Metfile: w23234.dvf

Water segment concentrations (ppb)

modified Wedday, 26 March 2008 at 09:29:34

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

modified Wedday, 3 July 2002 at 09:04:22

Year	1.261	1.233	1.154	1.013	0.9142	0.347
1961	3.581	3.524	3.323	2.761	2.38	0.881
1962	1.628	1.595	1.466	1.359	1.24	0.5105
1963	0.874	0.855	0.7777	0.6565	0.5623	0.2139
1964	0.4714	0.4604	0.42	0.3527	0.3009	0.1174
1965	0.1643	0.1612	0.1497	0.1274	0.112	0.05775
1966	0.6391	0.6224	0.5756	0.4744	0.4042	0.1534
1967	0.8245	0.8055	0.7591	0.7097	0.6254	0.2343
1968	3.346	3.278	2.99	2.46	2.098	0.7393
1969	0.6953	0.6775	0.6344	0.5644	0.4826	0.184
1970	1.629	1.592	1.487	1.231	1.1	0.435
1971	0.3069	0.2991	0.2708	0.217	0.1861	0.1228
1972	1.962	1.927	1.834	1.562	1.354	0.5254
1973	0.9895	0.9745	0.8915	0.7373	0.6353	0.249
1974	0.9138	0.8916	0.828	0.6717	0.5771	0.2207
1975	1.955	1.908	1.735	1.413	1.207	0.444
1976	0.8372	0.8165	0.7376	0.5851	0.4937	0.2004
1977	2.779	2.722	2.517	2.146	1.87	0.6922
1978	4.373	4.288	4.122	3.432	2.948	1.089
1979	1.74	1.726	1.614	1.344	1.184	0.461
1980	0.4364	0.4279	0.4067	0.351	0.3169	0.1344
1981	1.994	1.956	1.812	1.511	1.326	0.5122
1982	0.8378	0.8297	0.7803	0.6595	0.5848	0.2313
1983	0.5734	0.5599	0.5101	0.4114	0.3593	0.1377
1984	3.403	3.331	3.144	2.697	2.33	0.8675
1985	2.184	2.14	1.963	1.603	1.375	0.5261
1986	4.096	4.011	3.716	3.102	2.677	0.9991
1987	1.398	1.372	1.258	1.05	0.9834	0.4183
1988	0.974	0.9514	0.8888	0.736	0.6753	0.2709
1989	1.951	1.91	1.746	1.432	1.233	0.4775
1990	1.261	1.233	1.154	1.013	0.9142	0.347

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	4.373	4.288	4.122	3.432	2.948	1.089
0.064516	4.096	4.011	3.716	3.102	2.677	0.9991
0.096774	3.581	3.524	3.323	2.761	2.38	0.881
0.129032	3.403	3.331	3.144	2.697	2.33	0.8675

0.16129	3.346	3.278	2.99	2.46	2.098	0.7393
0.193548	2.779	2.722	2.517	2.146	1.87	0.6922
0.225806	2.184	2.14	1.963	1.603	1.375	0.5261
0.258065	1.994	1.956	1.834	1.562	1.354	0.5254
0.290323	1.962	1.927	1.812	1.511	1.326	0.5122
0.322581	1.955	1.91	1.746	1.432	1.24	0.5105
0.354839	1.951	1.908	1.735	1.413	1.233	0.4775
0.387097	1.74	1.726	1.614	1.359	1.207	0.461
0.419355	1.629	1.595	1.487	1.344	1.184	0.444
0.451613	1.628	1.592	1.466	1.231	1.1	0.435
0.483871	1.398	1.372	1.258	1.05	0.9834	0.4183
0.516129	1.261	1.233	1.154	1.013	0.9142	0.347
0.548387	0.9895	0.9745	0.8915	0.7373	0.6753	0.2709
0.580645	0.974	0.9514	0.8888	0.736	0.6353	0.249
0.612903	0.9138	0.8916	0.828	0.7097	0.6254	0.2343
0.645161	0.874	0.855	0.7803	0.6717	0.5848	0.2313
0.677419	0.8378	0.8297	0.7777	0.6595	0.5771	0.2207
0.709677	0.8372	0.8165	0.7591	0.6565	0.5623	0.2139
0.741935	0.8245	0.8055	0.7376	0.5851	0.4937	0.2004
0.774194	0.6953	0.6775	0.6344	0.5644	0.4826	0.184
0.806452	0.6391	0.6224	0.5756	0.4744	0.4042	0.1534
0.83871	0.5734	0.5599	0.5101	0.4114	0.3593	0.1377
0.870968	0.4714	0.4604	0.42	0.3527	0.3169	0.1344
0.903226	0.4364	0.4279	0.4067	0.351	0.3009	0.1228
0.935484	0.3069	0.2991	0.2708	0.217	0.1861	0.1174
0.967742	0.1643	0.1612	0.1497	0.1274	0.112	0.05775
0.1	3.5632	3.5047	3.3051	2.7546	2.375	0.87965
					Average of yearly averages:	0.415102

TESTING

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Broc,Caul

Metfile: w23234.dvf

PRZM scenario: CAColeCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	5	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	8-2	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Brussels sprouts: Outputs

stored as Brussels.out

Chemical: disulfoton

PRZM environment: CAlettuceSTD.txt

EXAMS environment: pond298.exv

Metfile: w23273.dvf

Water segment concentrations (ppb)

modified Tuesday, 21 February 2006 at 15:38:22

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

modified Wednesday, 3 July 2002 at 09:04:22

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.5459	0.5399	0.5254	0.3526	0.236	0.0618
1962	5.137	5.095	4.859	4.239	3.801	1.791
1963	5.222	5.16	4.873	4.201	3.75	1.753
1964	0.957	0.9382	0.8898	0.7542	0.6653	0.3543
1965	0.1008	0.0994	0.09359	0.08447	0.0806	0.04172
1966	0.3951	0.3879	0.3599	0.3043	0.2691	0.121
1967	0.2187	0.2156	0.2028	0.1705	0.15	0.07029
1968	0.2367	0.2321	0.2191	0.2091	0.1898	0.084
1969	3.268	3.2	3.043	2.572	2.264	0.9567
1970	1.857	1.824	1.699	1.411	1.228	0.5303
1971	0.1775	0.1735	0.1583	0.1308	0.1191	0.08084
1972	0.3525	0.3448	0.3259	0.3101	0.2646	0.07269
1973	2.669	2.63	2.44	2.084	1.86	0.831
1974	4.51	4.423	4.078	3.382	2.954	1.225
1975	5.057	4.987	4.672	3.933	3.47	1.534
1976	1.65	1.624	1.511	1.271	1.125	0.5088
1977	1.73	1.693	1.547	1.303	1.179	0.5253
1978	5.029	4.967	4.627	3.921	3.473	1.508
1979	1.699	1.676	1.592	1.432	1.291	0.6064
1980	6.177	6.067	5.56	4.66	4.117	1.799
1981	5.871	5.773	5.433	4.688	4.153	1.81
1982	1.712	1.682	1.567	1.339	1.189	0.5569
1983	2.48	2.447	2.299	1.919	1.67	0.6729
1984	0.114	0.1125	0.1065	0.0934	0.09093	0.04834
1985	1.865	1.837	1.728	1.51	1.363	0.638
1986	6.821	6.668	6.118	5.031	4.34	1.696
1987	0.965	0.9454	0.8665	0.769	0.6959	0.3253
1988	1.072	1.035	0.8929	0.6743	0.562	0.1995
1989	0.4713	0.4601	0.4165	0.335	0.2867	0.1064
1990	0.9968	0.9699	0.9064	0.7436	0.6348	0.2432

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	6.821	6.668	6.118	5.031	4.34	1.81
0.064516	6.177	6.067	5.56	4.688	4.153	1.799
0.096774	5.871	5.773	5.433	4.66	4.117	1.791
0.129032	5.222	5.16	4.873	4.239	3.801	1.753
0.16129	5.137	5.095	4.859	4.201	3.75	1.696

0.193548	5.057	4.987	4.672	3.933	3.473	1.534
0.225806	5.029	4.967	4.627	3.921	3.47	1.508
0.258065	4.51	4.423	4.078	3.382	2.954	1.225
0.290323	3.268	3.2	3.043	2.572	2.264	0.9567
0.322581	2.669	2.63	2.44	2.084	1.86	0.831
0.354839	2.48	2.447	2.299	1.919	1.67	0.6729
0.387097	1.865	1.837	1.728	1.51	1.363	0.638
0.419355	1.857	1.824	1.699	1.432	1.291	0.6064
0.451613	1.73	1.693	1.592	1.411	1.228	0.5569
0.483871	1.712	1.682	1.567	1.339	1.189	0.5303
0.516129	1.699	1.676	1.547	1.303	1.179	0.5253
0.548387	1.65	1.624	1.511	1.271	1.125	0.5088
0.580645	1.072	1.035	0.9064	0.769	0.6959	0.3543
0.612903	0.9968	0.9699	0.8929	0.7542	0.6653	0.3253
0.645161	0.965	0.9454	0.8898	0.7436	0.6348	0.2432
0.677419	0.957	0.9382	0.8665	0.6743	0.562	0.1995
0.709677	0.5459	0.5399	0.5254	0.3526	0.2867	0.121
0.741935	0.4713	0.4601	0.4165	0.335	0.2691	0.1064
0.774194	0.3951	0.3879	0.3599	0.3101	0.2646	0.084
0.806452	0.3525	0.3448	0.3259	0.3043	0.236	0.08084
0.83871	0.2367	0.2321	0.2191	0.2091	0.1898	0.07269
0.870968	0.2187	0.2156	0.2028	0.1705	0.15	0.07029
0.903226	0.1775	0.1735	0.1583	0.1308	0.1191	0.0618
0.935484	0.114	0.1125	0.1065	0.0934	0.09093	0.04834
0.967742	0.1008	0.0994	0.09359	0.08447	0.0806	0.04172
0.1	5.8061	5.7117	5.377	4.6179	4.0854	1.7872
					Average of yearly averages:	0.691723

Brussels: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Brussels

Metfile: w23273.dvf

PRZM scenario: CAlettuceSTD.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	5	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	1-2	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Cabbage, Injected: Outputs

stored as Cabb-inj.out

Chemical: disulfoton

PRZM environment:

CAColeCropRLF_V2.txt

EXAMS environment: pond298.exv

Metfile: w23234.dvf

Water segment concentrations (ppb)

modified Wedday, 26 March 2008 at 09:29:34

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

modified Wedday, 3 July 2002 at 09:04:22

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.522	2.465	2.307	2.025	1.828	0.6939
1962	7.16	7.047	6.645	5.521	4.758	1.762
1963	3.256	3.191	2.932	2.718	2.481	1.021
1964	1.748	1.71	1.555	1.313	1.125	0.4277
1965	0.9427	0.9207	0.8399	0.7054	0.6017	0.2348
1966	0.3285	0.3225	0.2994	0.2549	0.224	0.1155
1967	1.278	1.245	1.151	0.9489	0.8085	0.3068
1968	1.649	1.611	1.519	1.42	1.251	0.4686
1969	6.69	6.554	5.978	4.919	4.196	1.478
1970	1.391	1.355	1.269	1.129	0.9651	0.3679
1971	3.259	3.185	2.975	2.462	2.201	0.8702
1972	0.6138	0.5981	0.5416	0.4341	0.3721	0.2455
1973	3.925	3.853	3.667	3.123	2.709	1.051
1974	1.979	1.949	1.783	1.475	1.271	0.4979
1975	1.827	1.783	1.656	1.343	1.154	0.4412
1976	3.91	3.815	3.469	2.827	2.413	0.888
1977	1.674	1.633	1.475	1.17	0.9874	0.4007
1978	5.559	5.444	5.034	4.293	3.74	1.385
1979	8.748	8.578	8.246	6.865	5.897	2.179
1980	3.479	3.452	3.227	2.688	2.368	0.9221
1981	0.8729	0.8559	0.8134	0.702	0.6339	0.2689
1982	3.988	3.912	3.625	3.023	2.653	1.025
1983	1.675	1.659	1.56	1.319	1.169	0.4626
1984	1.147	1.12	1.02	0.8228	0.7185	0.2753
1985	6.807	6.663	6.289	5.395	4.661	1.735
1986	4.368	4.28	3.925	3.205	2.751	1.052
1987	8.194	8.023	7.433	6.205	5.355	1.999
1988	2.796	2.745	2.517	2.1	1.967	0.8368
1989	1.948	1.903	1.778	1.472	1.351	0.5418
1990	3.902	3.819	3.493	2.863	2.466	0.955

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	8.748	8.578	8.246	6.865	5.897	2.179
0.064516	8.194	8.023	7.433	6.205	5.355	1.999
0.096774	7.16	7.047	6.645	5.521	4.758	1.762
0.129032	6.807	6.663	6.289	5.395	4.661	1.735

0.16129	6.69	6.554	5.978	4.919	4.196	1.478
0.193548	5.559	5.444	5.034	4.293	3.74	1.385
0.225806	4.368	4.28	3.925	3.205	2.751	1.052
0.258065	3.988	3.912	3.667	3.123	2.709	1.051
0.290323	3.925	3.853	3.625	3.023	2.653	1.025
0.322581	3.91	3.819	3.493	2.863	2.481	1.021
0.354839	3.902	3.815	3.469	2.827	2.466	0.955
0.387097	3.479	3.452	3.227	2.718	2.413	0.9221
0.419355	3.259	3.191	2.975	2.688	2.368	0.888
0.451613	3.256	3.185	2.932	2.462	2.201	0.8702
0.483871	2.796	2.745	2.517	2.1	1.967	0.8368
0.516129	2.522	2.465	2.307	2.025	1.828	0.6939
0.548387	1.979	1.949	1.783	1.475	1.351	0.5418
0.580645	1.948	1.903	1.778	1.472	1.271	0.4979
0.612903	1.827	1.783	1.656	1.42	1.251	0.4686
0.645161	1.748	1.71	1.56	1.343	1.169	0.4626
0.677419	1.675	1.659	1.555	1.319	1.154	0.4412
0.709677	1.674	1.633	1.519	1.313	1.125	0.4277
0.741935	1.649	1.611	1.475	1.17	0.9874	0.4007
0.774194	1.391	1.355	1.269	1.129	0.9651	0.3679
0.806452	1.278	1.245	1.151	0.9489	0.8085	0.3068
0.83871	1.147	1.12	1.02	0.8228	0.7185	0.2753
0.870968	0.9427	0.9207	0.8399	0.7054	0.6339	0.2689
0.903226	0.8729	0.8559	0.8134	0.702	0.6017	0.2455
0.935484	0.6138	0.5981	0.5416	0.4341	0.3721	0.2348
0.967742	0.3285	0.3225	0.2994	0.2549	0.224	0.1155
0.1	7.1247	7.0086	6.6094	5.5084	4.7483	1.7593
					Average of yearly averages:	0.830273

Cabbage, Injected: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Asparagus-aerial

Metfile: w23234.dvf

PRZM scenario: CARowCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	2	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.09	fraction of application rate applied to pond	
app. rate 1	apprate	1.12	kg/ha	
Record 17:	FILTRA			
	IPSCND	3		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Cabbage, Ground Spray: Outputs

stored as Cabb-spray-buff.out

Chemical: disulfoton

PRZM environment:

CAColeCropRLF_V2.txt

EXAMS environment: pond298.exv

Metfile: w23234.dvf

Water segment concentrations (ppb)

modified Wedday, 26 March 2008 at 09:29:34

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

modified Wedday, 3 July 2002 at 09:04:22

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	8.488	8.297	7.827	6.975	6.302	2.407
1962	23.88	23.46	22.07	18.4	15.87	5.885
1963	11.09	10.87	9.987	9.427	8.672	3.6
1964	6.253	6.118	5.567	4.713	4.043	1.597
1965	4.147	4.053	3.701	3.114	2.665	1.198
1966	2.345	2.302	2.131	1.845	1.654	0.7804
1967	5.406	5.266	4.872	4.056	3.463	1.442
1968	6.244	6.101	5.756	5.347	4.735	1.819
1969	20.97	20.53	18.8	15.49	13.23	4.683
1970	5.537	5.395	5.016	4.484	3.834	1.47
1971	10.81	10.57	9.906	8.238	7.418	2.988
1972	2.564	2.499	2.271	1.832	1.684	1.215
1973	13.24	13	12.43	10.66	9.264	3.633
1974	7.422	7.309	6.689	5.563	4.844	1.937
1975	6.828	6.663	6.192	5.05	4.345	1.665
1976	12.62	12.31	11.19	9.135	7.806	2.965
1977	6.588	6.426	5.807	4.611	3.893	1.671
1978	17.47	17.11	15.83	13.61	11.88	4.418
1979	26.4	26.1	24.99	20.9	17.97	6.677
1980	12.07	11.98	11.25	9.388	8.269	3.206
1981	3.95	3.873	3.692	3.288	3.017	1.246
1982	14.14	13.87	12.87	10.74	9.439	3.653
1983	6.828	6.776	6.397	5.42	4.827	1.913
1984	4.765	4.653	4.237	3.503	3.101	1.198
1985	20.81	20.38	19.25	16.61	14.37	5.37
1986	15.69	15.42	14.09	11.54	9.905	3.797
1987	25.01	24.49	22.74	19.05	16.46	6.18
1988	9.474	9.302	8.53	7.149	6.744	2.905
1989	7.047	6.884	6.461	5.497	5.026	2.004
1990	12.35	12.08	11.05	9.067	7.814	3.101

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	26.4	26.1	24.99	20.9	17.97	6.677
0.064516	25.01	24.49	22.74	19.05	16.46	6.18
0.096774	23.88	23.46	22.07	18.4	15.87	5.885
0.129032	20.97	20.53	19.25	16.61	14.37	5.37

0.16129	20.81	20.38	18.8	15.49	13.23	4.683
0.193548	17.47	17.11	15.83	13.61	11.88	4.418
0.225806	15.69	15.42	14.09	11.54	9.905	3.797
0.258065	14.14	13.87	12.87	10.74	9.439	3.653
0.290323	13.24	13	12.43	10.66	9.264	3.633
0.322581	12.62	12.31	11.25	9.427	8.672	3.6
0.354839	12.35	12.08	11.19	9.388	8.269	3.206
0.387097	12.07	11.98	11.05	9.135	7.814	3.101
0.419355	11.09	10.87	9.987	9.067	7.806	2.988
0.451613	10.81	10.57	9.906	8.238	7.418	2.965
0.483871	9.474	9.302	8.53	7.149	6.744	2.905
0.516129	8.488	8.297	7.827	6.975	6.302	2.407
0.548387	7.422	7.309	6.689	5.563	5.026	2.004
0.580645	7.047	6.884	6.461	5.497	4.844	1.937
0.612903	6.828	6.776	6.397	5.42	4.827	1.913
0.645161	6.828	6.663	6.192	5.347	4.735	1.819
0.677419	6.588	6.426	5.807	5.05	4.345	1.671
0.709677	6.253	6.118	5.756	4.713	4.043	1.665
0.741935	6.244	6.101	5.567	4.611	3.893	1.597
0.774194	5.537	5.395	5.016	4.484	3.834	1.47
0.806452	5.406	5.266	4.872	4.056	3.463	1.442
0.83871	4.765	4.653	4.237	3.503	3.101	1.246
0.870968	4.147	4.053	3.701	3.288	3.017	1.215
0.903226	3.95	3.873	3.692	3.114	2.665	1.198
0.935484	2.564	2.499	2.271	1.845	1.684	1.198
0.967742	2.345	2.302	2.131	1.832	1.654	0.7804
0.1	23.589	23.167	21.788	18.221	15.72	5.8335
					Average of yearly averages:	2.887447

Cabbage, Ground Spray: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Cabb-spray-buff

Metfile: w23234.dvf

PRZM scenario: CAColeCropRLF_V2.txt

EXAMS environment file: pond298.exv

Chemical Name:	disulfoton			
	Variable			
Description	Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	1	integer	See PRZM manual
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.12	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.027	fraction of application rate applied to pond	
Application Date	Date	2-Aug	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
		EPA		
Flag for Index Res. Run	IR	Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Christmas Trees: Outputs

stored as Xmas-multi-2_28-8.out

Chemical: disulfoton

PRZM environment:

CAForestryRLF.txt

EXAMS environment: pond298.exv

Metfile: w24283.dvf

Water segment concentrations (ppb)

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

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

modified Wedday, 3 July 2002 at 09:04:24

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.9256	0.9117	0.8569	0.7977	0.6967	0.1718
1962	6.946	6.854	6.446	5.655	4.94	1.424
1963	4.023	3.969	3.753	3.282	2.933	1.804
1964	4.649	4.607	4.346	3.91	2.849	1.227
1965	3.056	3.016	2.857	2.551	2.366	1.303
1966	3.251	3.211	3.051	2.796	2.631	0.9157
1967	2.718	2.696	2.602	2.396	2.329	1.406
1968	2.046	2.017	1.902	1.67	1.433	0.8941
1969	1.106	1.097	1.057	0.9949	0.8491	0.5665
1970	0.7989	0.7868	0.7387	0.6573	0.6122	0.344
1971	3.723	3.663	3.434	3.061	2.805	0.7746
1972	1.977	1.949	1.84	1.624	1.489	0.9341
1973	3.254	3.214	3.059	2.843	2.587	0.9402
1974	2.754	2.721	2.594	2.361	1.776	1.047
1975	3.413	3.355	3.114	2.661	2.179	1.249
1976	5.898	5.856	5.569	4.381	3.043	1.472
1977	16.18	15.91	15	13.32	12.13	4.823
1978	11.16	11	10.4	9.477	8.848	5.181
1979	6.04	5.962	5.647	4.991	4.571	2.746
1980	1.916	1.894	1.805	1.62	1.482	0.7646
1981	2.117	2.085	1.957	1.71	1.505	0.4671
1982	1.549	1.525	1.431	1.249	0.9603	0.5985
1983	20.6	20.29	19.12	16.93	15.47	5.049
1984	13.35	13.16	12.39	10.75	9.364	5.488
1985	10.08	9.931	9.37	8.376	6.843	4.572
1986	6.521	6.425	6.039	5.258	4.754	2.485
1987	0.9303	0.9179	0.868	0.7659	0.6952	0.4523
1988	15.32	15.06	14.3	12.48	8.358	2.284
1989	10.1	9.985	9.518	8.549	7.817	4.239
1990	2.654	2.618	2.528	2.01	1.575	1.134

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	20.6	20.29	19.12	16.93	15.47	5.488
0.064516	16.18	15.91	15	13.32	12.13	5.181
0.096774	15.32	15.06	14.3	12.48	9.364	5.049
0.129032	13.35	13.16	12.39	10.75	8.848	4.823
0.16129	11.16	11	10.4	9.477	8.358	4.572

0.193548	10.1	9.985	9.518	8.549	7.817	4.239
0.225806	10.08	9.931	9.37	8.376	6.843	2.746
0.258065	6.946	6.854	6.446	5.655	4.94	2.485
0.290323	6.521	6.425	6.039	5.258	4.754	2.284
0.322581	6.04	5.962	5.647	4.991	4.571	1.804
0.354839	5.898	5.856	5.569	4.381	3.043	1.472
0.387097	4.649	4.607	4.346	3.91	2.933	1.424
0.419355	4.023	3.969	3.753	3.282	2.849	1.406
0.451613	3.723	3.663	3.434	3.061	2.805	1.303
0.483871	3.413	3.355	3.114	2.843	2.631	1.249
0.516129	3.254	3.214	3.059	2.796	2.587	1.227
0.548387	3.251	3.211	3.051	2.661	2.366	1.134
0.580645	3.056	3.016	2.857	2.551	2.329	1.047
0.612903	2.754	2.721	2.602	2.396	2.179	0.9402
0.645161	2.718	2.696	2.594	2.361	1.776	0.9341
0.677419	2.654	2.618	2.528	2.01	1.575	0.9157
0.709677	2.117	2.085	1.957	1.71	1.505	0.8941
0.741935	2.046	2.017	1.902	1.67	1.489	0.7746
0.774194	1.977	1.949	1.84	1.624	1.482	0.7646
0.806452	1.916	1.894	1.805	1.62	1.433	0.5985
0.83871	1.549	1.525	1.431	1.249	0.9603	0.5665
0.870968	1.106	1.097	1.057	0.9949	0.8491	0.4671
0.903226	0.9303	0.9179	0.868	0.7977	0.6967	0.4523
0.935484	0.9256	0.9117	0.8569	0.7659	0.6952	0.344
0.967742	0.7989	0.7868	0.7387	0.6573	0.6122	0.1718
0.1	15.123	14.87	14.109	12.307	9.3124	5.0264
					Average of yearly averages:	1.891883

Christmas Trees: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Xmas-multi-2_28-8

Metfile: w24283.dvf
 PRZM scenario: CAForestryRLF.txt
 EXAMS environment file: pond298.exv
 Chemical Name: disulfoton

Description	Variable	Name	Value	Units	Comments
Molecular weight	mwt		274.4	g/mol	
Henry's Law Const.	henry		2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr		1.80E-04	torr	
Solubility	sol		150	mg/L	
Kd	Kd			mg/L	
Koc	Koc		70	mg/L	
Photolysis half-life	kdp		141	days	Half-life
Aerobic Aquatic Metabolism	kbacw		182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		0	days	Halfife
Aerobic Soil Metabolism	asm		418	days	Halfife
Hydrolysis:	pH 7		0	days	Half-life
Method:	CAM		1	integer	See PRZM manual
Incorporation Depth:	DEPI			cm	
Application Rate:	TAPP		5.04	kg/ha	
Application Efficiency:	APPEFF		1	fraction	
Spray Drift	DRFT		0	fraction of application rate applied to pond	
Application Date	Date		28-8	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA				
	IPSCND		1		
	UPTKF				
Record 18:	PLVKRT				
	PLDKRT				
	FEXTRC		0.5		
Flag for Index Res. Run	IR		EPA Pond		
Flag for runoff calc.	RUNOFF		none		

Cotton, Inject: Outputs

stored as Cotton-inj.out

Chemical: disulfoton

PRZM environment:

CAcotton_WirrigSTD.txt

modified Tuesday, 29 May 2007 at 13:42:12

EXAMS environment: pond298.exv

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

Metfile: w93193.dvf

modified Wednesday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.000103	0.000101	9.47E-05	7.78E-05	6.74E-05	2.61E-05
1962	0.000161	0.000158	0.000146	0.000121	0.000105	4.55E-05
1963	1.126	1.105	1.013	0.8295	0.717	0.277
1964	0.1392	0.1378	0.1322	0.1202	0.111	0.05179
1965	0.01031	0.01021	0.009774	0.008864	0.008204	0.003879
1966	0.000884	0.000877	0.000848	0.000778	0.00072	0.00036
1967	8.67E-05	8.59E-05	8.28E-05	7.63E-05	7.11E-05	4.55E-05
1968	0.000194	0.00019	0.000177	0.000143	0.000124	5.13E-05
1969	6.97E-05	6.86E-05	6.37E-05	5.18E-05	4.51E-05	2.55E-05
1970	5.01E-05	4.92E-05	4.57E-05	3.79E-05	3.31E-05	1.62E-05
1971	1.28E-05	1.26E-05	1.15E-05	9.49E-06	8.19E-06	5.16E-06
1972	1.41E-05	1.39E-05	1.30E-05	1.08E-05	9.31E-06	4.03E-06
1973	3.21E-05	3.15E-05	2.94E-05	2.42E-05	2.11E-05	8.84E-06
1974	6.14E-05	6.05E-05	5.63E-05	4.61E-05	3.99E-05	1.67E-05
1975	2.86E-05	2.80E-05	2.64E-05	2.22E-05	1.96E-05	1.06E-05
1976	4.02E-05	3.98E-05	3.72E-05	3.03E-05	2.61E-05	1.16E-05
1977	0.008496	0.008297	0.007533	0.006071	0.005212	0.001965
1978	0.7924	0.7769	0.7098	0.5778	0.4969	0.1896
1979	0.09129	0.09024	0.08595	0.0771	0.07082	0.03208
1980	0.006401	0.006327	0.006024	0.005376	0.004909	0.002244
1981	0.000479	0.000474	0.000453	0.000411	0.000379	0.000176
1982	5.28E-05	5.20E-05	4.85E-05	3.96E-05	3.43E-05	2.24E-05
1983	0.6489	0.6349	0.578	0.47	0.4037	0.1515
1984	0.06936	0.06888	0.06689	0.06187	0.05737	0.02615
1985	0.005148	0.00512	0.004999	0.004696	0.00441	0.002141
1986	0.000502	0.000498	0.00048	0.000433	0.000397	0.0002
1987	0.01877	0.01836	0.01677	0.0137	0.01188	0.004624
1988	0.002843	0.002813	0.002688	0.002443	0.002269	0.001105
1989	0.1076	0.1049	0.09484	0.07626	0.06517	0.02471
1990	0.01444	0.01431	0.01378	0.01254	0.01159	0.005461

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	1.126	1.105	1.013	0.8295	0.717	0.277
0.064516	0.7924	0.7769	0.7098	0.5778	0.4969	0.1896
0.096774	0.6489	0.6349	0.578	0.47	0.4037	0.1515
0.129032	0.1392	0.1378	0.1322	0.1202	0.111	0.05179
0.16129	0.1076	0.1049	0.09484	0.0771	0.07082	0.03208

0.193548	0.09129	0.09024	0.08595	0.07626	0.06517	0.02615
0.225806	0.06936	0.06888	0.06689	0.06187	0.05737	0.02471
0.258065	0.01877	0.01836	0.01677	0.0137	0.01188	0.005461
0.290323	0.01444	0.01431	0.01378	0.01254	0.01159	0.004624
0.322581	0.01031	0.01021	0.009774	0.008864	0.008204	0.003879
0.354839	0.008496	0.008297	0.007533	0.006071	0.005212	0.002244
0.387097	0.006401	0.006327	0.006024	0.005376	0.004909	0.002141
0.419355	0.005148	0.00512	0.004999	0.004696	0.00441	0.001965
0.451613	0.002843	0.002813	0.002688	0.002443	0.002269	0.001105
0.483871	0.000884	0.000877	0.000848	0.000778	0.00072	0.00036
0.516129	0.000502	0.000498	0.00048	0.000433	0.000397	0.0002
0.548387	0.000479	0.000474	0.000453	0.000411	0.000379	0.000176
0.580645	0.000194	0.00019	0.000177	0.000143	0.000124	5.13E-05
0.612903	0.000161	0.000158	0.000146	0.000121	0.000105	4.55E-05
0.645161	0.000103	0.000101	9.47E-05	7.78E-05	7.11E-05	4.55E-05
0.677419	8.67E-05	8.59E-05	8.28E-05	7.63E-05	6.74E-05	2.61E-05
0.709677	6.97E-05	6.86E-05	6.37E-05	5.18E-05	4.51E-05	2.55E-05
0.741935	6.14E-05	6.05E-05	5.63E-05	4.61E-05	3.99E-05	2.24E-05
0.774194	5.28E-05	5.20E-05	4.85E-05	3.96E-05	3.43E-05	1.67E-05
0.806452	5.01E-05	4.92E-05	4.57E-05	3.79E-05	3.31E-05	1.62E-05
0.83871	4.02E-05	3.98E-05	3.72E-05	3.03E-05	2.61E-05	1.16E-05
0.870968	3.21E-05	3.15E-05	2.94E-05	2.42E-05	2.11E-05	1.06E-05
0.903226	2.86E-05	2.80E-05	2.64E-05	2.22E-05	1.96E-05	8.84E-06
0.935484	1.41E-05	1.39E-05	1.30E-05	1.08E-05	9.31E-06	5.16E-06
0.967742	1.28E-05	1.26E-05	1.15E-05	9.49E-06	8.19E-06	4.03E-06
0.1	0.59793	0.58519	0.53342	0.43502	0.37443	0.141529
					Average of yearly averages:	0.025842

Cotton, Inject: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Cotton-inj

Metfile:

w93193.dvf

PRZM scenario:

CACotton_WirrigSTD.txt

EXAMS environment file:

pond298.exv

Chemical Name:

disulfoton

Description

Molecular weight

Henry's Law Const.

Vapor Pressure

Solubility

Kd

Koc

Photolysis half-life

Aerobic Aquatic Metabolism

Anaerobic Aquatic Metabolism

Aerobic Soil Metabolism

Hydrolysis:

Method:

Incorporation Depth:

Application Rate:

Application Efficiency:

Spray Drift

Application Date

Record 17:

Record 18:

Flag for Index Res. Run

Flag for runoff calc.

Variable

Name

Value

Units

Comments

mwt

274.4

g/mol

henry

2.60E-06

atm-m³/mol

vapr

1.80E-04

torr

sol

150

mg/L

Kd

mg/L

Koc

70

mg/L

kdp

141

days

Half-life

kbacw

182

days

Halfife

kbacs

0

days

Halfife

asm

418

days

Halfife

pH 7

0

days

Half-life

CAM

5

integer

See PRZM manual

DEPI

4

cm

TAPP

1.12

kg/ha

APPEFF

1

fraction

DRFT

0

fraction of application rate applied to pond

Date

25-4

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

FILTRA

IPSCND

1

UPTKF

PLVKRT

PLDKRT

FEXTRC

0.5

IR

EPA Pond

RUNOFF

none

none, monthly or total(average of entire run)

Cotton, Hilldrop: Outputs

stored as Cotton-hilldrop5.out

Chemical: disulfoton

PRZM environment:

CAcotton_WirrigSTD.txt

EXAMS environment: pond298.exv

Metfile: w93193.dvf

Water segment concentrations (ppb)

modified Tuesday, 29 May 2007 at 13:42:12

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

modified Wedday, 3 July 2002 at 09:04:24

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.000133	0.000132	0.000123	0.000101	8.76E-05	3.39E-05
1962	0.00021	0.000205	0.00019	0.000157	0.000137	5.92E-05
1963	1.464	1.437	1.317	1.079	0.9322	0.3602
1964	0.181	0.1792	0.1719	0.1562	0.1443	0.06733
1965	0.0134	0.01327	0.01271	0.01152	0.01067	0.005043
1966	0.00115	0.001141	0.001102	0.001012	0.000936	0.000468
1967	0.000113	0.000112	0.000108	9.92E-05	9.24E-05	5.92E-05
1968	0.000252	0.000248	0.00023	0.000186	0.000161	6.67E-05
1969	9.06E-05	8.91E-05	8.28E-05	6.73E-05	5.87E-05	3.32E-05
1970	6.51E-05	6.40E-05	5.94E-05	4.92E-05	4.31E-05	2.10E-05
1971	1.67E-05	1.63E-05	1.50E-05	1.23E-05	1.06E-05	6.71E-06
1972	1.83E-05	1.81E-05	1.69E-05	1.40E-05	1.21E-05	5.24E-06
1973	4.18E-05	4.10E-05	3.82E-05	3.14E-05	2.74E-05	1.15E-05
1974	7.98E-05	7.87E-05	7.32E-05	5.98E-05	5.18E-05	2.17E-05
1975	3.71E-05	3.64E-05	3.44E-05	2.89E-05	2.55E-05	1.37E-05
1976	5.22E-05	5.17E-05	4.83E-05	3.94E-05	3.39E-05	1.51E-05
1977	0.01105	0.01079	0.009795	0.007893	0.006777	0.002555
1978	1.03	1.01	0.9227	0.751	0.6459	0.2464
1979	0.1187	0.1173	0.1117	0.1002	0.09205	0.0417
1980	0.00832	0.008224	0.00783	0.006988	0.006382	0.002917
1981	0.000622	0.000616	0.000589	0.000534	0.000493	0.000228
1982	6.87E-05	6.76E-05	6.30E-05	5.15E-05	4.46E-05	2.91E-05
1983	0.8439	0.8257	0.7516	0.6112	0.525	0.1971
1984	0.0902	0.08958	0.08699	0.08046	0.07461	0.034
1985	0.006695	0.006658	0.0065	0.006106	0.005735	0.002785
1986	0.000653	0.000648	0.000624	0.000564	0.000516	0.00026
1987	0.0244	0.02387	0.02181	0.01781	0.01544	0.006012
1988	0.003697	0.003657	0.003494	0.003176	0.002949	0.001437
1989	0.1398	0.1364	0.1233	0.09911	0.0847	0.03212
1990	0.01877	0.0186	0.01791	0.0163	0.01506	0.007098

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	1.464	1.437	1.317	1.079	0.9322	0.3602
0.064516	1.03	1.01	0.9227	0.751	0.6459	0.2464
0.096774	0.8439	0.8257	0.7516	0.6112	0.525	0.1971
0.129032	0.181	0.1792	0.1719	0.1562	0.1443	0.06733
0.16129	0.1398	0.1364	0.1233	0.1002	0.09205	0.0417
0.193548	0.1187	0.1173	0.1117	0.09911	0.0847	0.034

0.225806	0.0902	0.08958	0.08699	0.08046	0.07461	0.03212
0.258065	0.0244	0.02387	0.02181	0.01781	0.01544	0.007098
0.290323	0.01877	0.0186	0.01791	0.0163	0.01506	0.006012
0.322581	0.0134	0.01327	0.01271	0.01152	0.01067	0.005043
0.354839	0.01105	0.01079	0.009795	0.007893	0.006777	0.002917
0.387097	0.00832	0.008224	0.00783	0.006988	0.006382	0.002785
0.419355	0.006695	0.006658	0.0065	0.006106	0.005735	0.002555
0.451613	0.003697	0.003657	0.003494	0.003176	0.002949	0.001437
0.483871	0.00115	0.001141	0.001102	0.001012	0.000936	0.000468
0.516129	0.000653	0.000648	0.000624	0.000564	0.000516	0.00026
0.548387	0.000622	0.000616	0.000589	0.000534	0.000493	0.000228
0.580645	0.000252	0.000248	0.00023	0.000186	0.000161	6.67E-05
0.612903	0.00021	0.000205	0.00019	0.000157	0.000137	5.92E-05
0.645161	0.000133	0.000132	0.000123	0.000101	9.24E-05	5.92E-05
0.677419	0.000113	0.000112	0.000108	9.92E-05	8.76E-05	3.39E-05
0.709677	9.06E-05	8.91E-05	8.28E-05	6.73E-05	5.87E-05	3.32E-05
0.741935	7.98E-05	7.87E-05	7.32E-05	5.98E-05	5.18E-05	2.91E-05
0.774194	6.87E-05	6.76E-05	6.30E-05	5.15E-05	4.46E-05	2.17E-05
0.806452	6.51E-05	6.40E-05	5.94E-05	4.92E-05	4.31E-05	2.10E-05
0.83871	5.22E-05	5.17E-05	4.83E-05	3.94E-05	3.39E-05	1.51E-05
0.870968	4.18E-05	4.10E-05	3.82E-05	3.14E-05	2.74E-05	1.37E-05
0.903226	3.71E-05	3.64E-05	3.44E-05	2.89E-05	2.55E-05	1.15E-05
0.935484	1.83E-05	1.81E-05	1.69E-05	1.40E-05	1.21E-05	6.71E-06
0.967742	1.67E-05	1.63E-05	1.50E-05	1.23E-05	1.06E-05	5.24E-06
0.1	0.77761	0.76105	0.69363	0.5657	0.48693	0.184123
					Average of yearly averages:	0.033601

Cotton, Hilldrop: Inputs

Inputs generated by pe5.pl – November 2006

Data used for this run:

Output File: Cotton-hilldrop5

Metfile:

w93193.dvf

PRZM scenario:

Cacotton_WirrigSTD.txt

EXAMS environment file:

pond298.exv

Chemical Name:

disulfoton

Description

Molecular weight

Henry's Law Const.

Vapor Pressure

Solubility

Kd

Koc

Photolysis half-life

Aerobic Aquatic Metabolism

Anaerobic Aquatic Metabolism

Aerobic Soil Metabolism

Hydrolysis:

Method:

Incorporation Depth:

Application Rate:

Application Efficiency:

Spray Drift

Application Date

Record 17:

Record 18:

Flag for Index Res. Run

Flag for runoff calc.

Variable

Name

Value

Units

Comments

mwt

274.4

g/mol

henry

2.60E-06

atm-m³/mol

vapr

1.80E-04

torr

sol

150

mg/L

Kd

mg/L

Koc

70

mg/L

kdp

141

days

Half-life

kbacw

182

days

Halfife

kbacs

0

days

Halfife

asm

418

days

Halfife

pH 7

0

days

Half-life

CAM

5

integer

See PRZM manual

DEPI

2

cm

TAPP

0.364

kg/ha

APPEFF

1

fraction

DRFT

0

fraction of application rate applied to pond

Date

25-4

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

FILTRA

IPSCND

1

UPTKF

PLVKRT

PLDKRT

FEXTRC

0.5

IR

EPA Pond

RUNOFF

none

none, monthly or total(average of entire run)

Cotton, Drill Planting: Outputs

stored as Cotton-drill5.out

Chemical: disulfoton

PRZM environment:

Cacotton_WirrigSTD.txt

EXAMS environment: pond298.exv

Metfile: w93193.dvf

Water segment concentrations (ppb)

modified Tuesday, 29 May 2007 at 13:42:12

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

modified Wedday, 3 July 2002 at 09:04:24

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.000399	0.000394	0.000369	0.000303	0.000262	0.000101
1962	0.000628	0.000614	0.000569	0.000469	0.000409	0.000177
1963	4.383	4.301	3.942	3.229	2.791	1.078
1964	0.5419	0.5366	0.5146	0.4678	0.4322	0.2016
1965	0.04014	0.03973	0.03805	0.03451	0.03194	0.0151
1966	0.003443	0.003415	0.0033	0.003029	0.002804	0.001402
1967	0.000338	0.000335	0.000322	0.000297	0.000277	0.000177
1968	0.000753	0.000741	0.000688	0.000558	0.000482	0.0002
1969	0.000271	0.000267	0.000248	0.000202	0.000176	9.93E-05
1970	0.000195	0.000192	0.000178	0.000147	0.000129	6.29E-05
1971	4.99E-05	4.89E-05	4.49E-05	3.70E-05	3.19E-05	2.01E-05
1972	5.48E-05	5.42E-05	5.07E-05	4.19E-05	3.63E-05	1.57E-05
1973	0.000125	0.000123	0.000114	9.41E-05	8.21E-05	3.44E-05
1974	0.000239	0.000236	0.000219	0.000179	0.000155	6.51E-05
1975	0.000111	0.000109	0.000103	8.65E-05	7.62E-05	4.11E-05
1976	0.000156	0.000155	0.000145	0.000118	0.000102	4.51E-05
1977	0.03308	0.03231	0.02934	0.02364	0.0203	0.007651
1978	3.084	3.024	2.763	2.249	1.934	0.7378
1979	0.3553	0.3512	0.3345	0.3001	0.2756	0.1249
1980	0.02491	0.02462	0.02345	0.02092	0.01911	0.008735
1981	0.001863	0.001844	0.001765	0.001598	0.001475	0.000684
1982	0.000206	0.000202	0.000189	0.000154	0.000134	8.72E-05
1983	2.527	2.472	2.25	1.83	1.572	0.59
1984	0.2701	0.2682	0.2604	0.2409	0.2234	0.1018
1985	0.02004	0.01993	0.01946	0.01828	0.01717	0.008337
1986	0.001956	0.001939	0.001867	0.001687	0.001546	0.000778
1987	0.07307	0.07148	0.06531	0.05333	0.04625	0.018
1988	0.01107	0.01095	0.01047	0.009512	0.008833	0.004302
1989	0.4186	0.4084	0.3691	0.2968	0.2536	0.09617
1990	0.0562	0.0557	0.05364	0.04881	0.0451	0.02126

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	4.383	4.301	3.942	3.229	2.791	1.078
0.064516	3.084	3.024	2.763	2.249	1.934	0.7378
0.096774	2.527	2.472	2.25	1.83	1.572	0.59
0.129032	0.5419	0.5366	0.5146	0.4678	0.4322	0.2016
0.16129	0.4186	0.4084	0.3691	0.3001	0.2756	0.1249
0.193548	0.3553	0.3512	0.3345	0.2968	0.2536	0.1018

0.225806	0.2701	0.2682	0.2604	0.2409	0.2234	0.09617
0.258065	0.07307	0.07148	0.06531	0.05333	0.04625	0.02126
0.290323	0.0562	0.0557	0.05364	0.04881	0.0451	0.018
0.322581	0.04014	0.03973	0.03805	0.03451	0.03194	0.0151
0.354839	0.03308	0.03231	0.02934	0.02364	0.0203	0.008735
0.387097	0.02491	0.02462	0.02345	0.02092	0.01911	0.008337
0.419355	0.02004	0.01993	0.01946	0.01828	0.01717	0.007651
0.451613	0.01107	0.01095	0.01047	0.009512	0.008833	0.004302
0.483871	0.003443	0.003415	0.0033	0.003029	0.002804	0.001402
0.516129	0.001956	0.001939	0.001867	0.001687	0.001546	0.000778
0.548387	0.001863	0.001844	0.001765	0.001598	0.001475	0.000684
0.580645	0.000753	0.000741	0.000688	0.000558	0.000482	0.0002
0.612903	0.000628	0.000614	0.000569	0.000469	0.000409	0.000177
0.645161	0.000399	0.000394	0.000369	0.000303	0.000277	0.000177
0.677419	0.000338	0.000335	0.000322	0.000297	0.000262	0.000101
0.709677	0.000271	0.000267	0.000248	0.000202	0.000176	9.93E-05
0.741935	0.000239	0.000236	0.000219	0.000179	0.000155	8.72E-05
0.774194	0.000206	0.000202	0.000189	0.000154	0.000134	6.51E-05
0.806452	0.000195	0.000192	0.000178	0.000147	0.000129	6.29E-05
0.83871	0.000156	0.000155	0.000145	0.000118	0.000102	4.51E-05
0.870968	0.000125	0.000123	0.000114	9.41E-05	8.21E-05	4.11E-05
0.903226	0.000111	0.000109	0.000103	8.65E-05	7.62E-05	3.44E-05
0.935484	5.48E-05	5.42E-05	5.07E-05	4.19E-05	3.63E-05	2.01E-05
0.967742	4.99E-05	4.89E-05	4.49E-05	3.70E-05	3.19E-05	1.57E-05
0.1	2.32849	2.27846	2.07646	1.69378	1.45802	0.55116
					Average of yearly averages:	0.100588

Cotton, Drill Planting: Inputs

Inputs generated by pe5.pl - November 2006

Data used for this run:

Output File: Cotton-drill5

Metfile:

w93193.dvf

PRZM scenario:

CACotton_WirrigSTD.txt

EXAMS environment file:

pond298.exv

Chemical Name:

disulfoton

Description

Molecular weight

Henry's Law Const.

Vapor Pressure

Solubility

Kd

Koc

Photolysis half-life

Aerobic Aquatic Metabolism

Anaerobic Aquatic Metabolism

Aerobic Soil Metabolism

Hydrolysis:

Method:

Incorporation Depth:

Application Rate:

Application Efficiency:

Spray Drift

Application Date

Record 17:

Record 18:

Flag for Index Res. Run

Flag for runoff calc.

Variable

Name

Value

Units

Comments

mwt

274.4

g/mol

henry

2.60E-06

atm-m³/mol

vapr

1.80E-04

torr

sol

150

mg/L

Kd

mg/L

Koc

70

mg/L

kdp

141

days

Half-life

kbacw

182

days

Halfife

kbacs

0

days

Halfife

asm

418

days

Halfife

pH 7

0

days

Half-life

CAM

5

integer

See PRZM manual

DEPI

2

cm

TAPP

1.09

kg/ha

APPEFF

1

fraction

DRFT

0

fraction of application rate applied to pond

Date

25-4

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

FILTRA

IPSCND

1

UPTKF

PLVKRT

PLDKRT

FEXTRC

0.5

IR

EPA Pond

RUNOFF

none

none, monthly or total(average of entire run)

Cotton, Ground Spray (In furrow): Outputs

stored as Cotton-spray.out

Chemical: disulfoton

PRZM environment:

CAcotton_WirrigSTD.txt

modified Tuesday, 29 May 2007 at 13:42:12

EXAMS environment: pond298.exv

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

Metfile: w93193.dvf

modified Wedday, 3 July 2002 at 09:04:24

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.5599	0.5496	0.5056	0.4194	0.3654	0.1441
1962	0.6004	0.5891	0.5403	0.4461	0.3886	0.1719
1963	7.143	7.011	6.426	5.265	4.552	1.778
1964	1.001	0.9836	0.9078	0.7642	0.706	0.4637
1965	0.6225	0.6097	0.5553	0.4519	0.3911	0.1829
1966	0.5998	0.588	0.5409	0.449	0.3897	0.1698
1967	0.5992	0.5885	0.541	0.4472	0.3897	0.1724
1968	0.6017	0.5904	0.5404	0.4424	0.3829	0.1676
1969	0.5947	0.5824	0.5311	0.4327	0.3736	0.1649
1970	0.5984	0.5864	0.5359	0.4402	0.3838	0.17
1971	0.594	0.5816	0.5313	0.4351	0.375	0.1581
1972	0.5905	0.5782	0.5289	0.4354	0.378	0.1602
1973	0.5932	0.5815	0.5333	0.4408	0.3841	0.1691
1974	0.5987	0.5871	0.5373	0.4406	0.382	0.1676
1975	0.5992	0.5891	0.5444	0.4552	0.4003	0.1814
1976	0.6105	0.6001	0.5542	0.461	0.4004	0.1784
1977	0.5987	0.586	0.5478	0.469	0.4073	0.1756
1978	5.26	5.157	4.713	3.837	3.3	1.275
1979	0.8415	0.8237	0.7519	0.6159	0.5331	0.3435
1980	0.6064	0.5941	0.5402	0.4359	0.3734	0.1644
1981	0.5934	0.581	0.5269	0.4214	0.3584	0.1489
1982	0.5888	0.5773	0.5291	0.4342	0.3746	0.1567
1983	5.201	5.09	4.634	3.77	3.239	1.24
1984	0.845	0.8282	0.754	0.6112	0.5275	0.3368
1985	0.6156	0.6037	0.5525	0.453	0.3926	0.1773
1986	0.5976	0.5857	0.5354	0.438	0.3803	0.1699
1987	0.6272	0.6141	0.5627	0.5207	0.4633	0.2059
1988	0.6118	0.6007	0.5545	0.4636	0.4046	0.1824
1989	1.098	1.072	0.9703	0.7829	0.6948	0.2977
1990	0.6376	0.6252	0.5735	0.4726	0.4087	0.1938

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	7.143	7.011	6.426	5.265	4.552	1.778
0.064516	5.26	5.157	4.713	3.837	3.3	1.275
0.096774	5.201	5.09	4.634	3.77	3.239	1.24
0.129032	1.098	1.072	0.9703	0.7829	0.706	0.4637
0.16129	1.001	0.9836	0.9078	0.7642	0.6948	0.3435
0.193548	0.845	0.8282	0.754	0.6159	0.5331	0.3368

0.225806	0.8415	0.8237	0.7519	0.6112	0.5275	0.2977
0.258065	0.6376	0.6252	0.5735	0.5207	0.4633	0.2059
0.290323	0.6272	0.6141	0.5627	0.4726	0.4087	0.1938
0.322581	0.6225	0.6097	0.5553	0.469	0.4073	0.1829
0.354839	0.6156	0.6037	0.5545	0.4636	0.4046	0.1824
0.387097	0.6118	0.6007	0.5542	0.461	0.4004	0.1814
0.419355	0.6105	0.6001	0.5525	0.4552	0.4003	0.1784
0.451613	0.6064	0.5941	0.5478	0.453	0.3926	0.1773
0.483871	0.6017	0.5904	0.5444	0.4519	0.3911	0.1756
0.516129	0.6004	0.5891	0.541	0.449	0.3897	0.1724
0.548387	0.5998	0.5891	0.5409	0.4472	0.3897	0.1719
0.580645	0.5992	0.5885	0.5404	0.4461	0.3886	0.17
0.612903	0.5992	0.588	0.5403	0.4424	0.3841	0.1699
0.645161	0.5987	0.5871	0.5402	0.4408	0.3838	0.1698
0.677419	0.5987	0.5864	0.5373	0.4406	0.3829	0.1691
0.709677	0.5984	0.586	0.5359	0.4402	0.382	0.1676
0.741935	0.5976	0.5857	0.5354	0.438	0.3803	0.1676
0.774194	0.5947	0.5824	0.5333	0.4359	0.378	0.1649
0.806452	0.594	0.5816	0.5313	0.4354	0.375	0.1644
0.83871	0.5934	0.5815	0.5311	0.4351	0.3746	0.1602
0.870968	0.5932	0.581	0.5291	0.4342	0.3736	0.1581
0.903226	0.5905	0.5782	0.5289	0.4327	0.3734	0.1567
0.935484	0.5888	0.5773	0.5269	0.4214	0.3654	0.1489
0.967742	0.5599	0.5496	0.5056	0.4194	0.3584	0.1441
0.1	4.7907	4.6882	4.26763	3.47129	2.9857	1.16237
					Average of yearly averages:	0.322267

Cotton, Ground Spray (In furrow): Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Cotton-spray

Metfile: w93193.dvf

PRZM scenario: CAcotton_WirrigSTD.txt

EXAMS environment file: pond298.exv

Chemical Name: disulfoton

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	274.4	g/mol	
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Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
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Vapor Pressure	vapr	1.80E-04	torr	
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Solubility	sol	150	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	70	mg/L	
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Photolysis half-life	kdp	141	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	418	days	Halfife
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Hydrolysis:	pH 7	0	days	Half-life
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Method:	CAM	1	integer	See PRZM manual
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Incorporation Depth:	DEPI		cm	
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Application Rate:	TAPP	1.12	kg/ha	
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Application Efficiency:	APPEFF	0.99	fraction	
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Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
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Application Date	Date	25-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
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Record 17:	FILTRA			
	IPSCND	1		

	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		

Flag for Index Res. Run	IR	EPA Pond		
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Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	
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Lettuce, Inject: Outputs

stored as Lettuce-inj.out

Chemical: disulfoton

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

Metfile: w23273.dvf

modified Wednesday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	1.091	1.079	1.05	0.705	0.4717	0.1236
1962	10.27	10.19	9.718	8.478	7.602	3.582
1963	10.45	10.32	9.746	8.403	7.499	3.505
1964	1.914	1.876	1.78	1.508	1.331	0.7086
1965	0.2017	0.1988	0.1872	0.1689	0.1612	0.08345
1966	0.7901	0.7759	0.7198	0.6087	0.5381	0.2419
1967	0.4374	0.4312	0.4057	0.341	0.3001	0.1406
1968	0.4734	0.4641	0.4382	0.4182	0.3795	0.168
1969	6.538	6.403	6.088	5.145	4.529	1.914
1970	3.714	3.649	3.398	2.823	2.456	1.061
1971	0.3551	0.347	0.3167	0.2617	0.2382	0.1617
1972	0.7048	0.6896	0.6517	0.6201	0.5291	0.1454
1973	5.338	5.261	4.881	4.169	3.72	1.662
1974	9.021	8.847	8.155	6.764	5.909	2.45
1975	10.12	9.977	9.345	7.868	6.942	3.068
1976	3.3	3.249	3.023	2.543	2.25	1.018
1977	3.461	3.386	3.095	2.605	2.357	1.051
1978	10.06	9.931	9.253	7.84	6.945	3.015
1979	3.399	3.352	3.183	2.863	2.581	1.213
1980	12.35	12.13	11.12	9.321	8.235	3.598
1981	11.75	11.55	10.87	9.38	8.308	3.622
1982	3.424	3.365	3.135	2.678	2.379	1.114
1983	4.96	4.894	4.599	3.839	3.339	1.346
1984	0.228	0.225	0.2129	0.1868	0.1819	0.09669
1985	3.729	3.674	3.456	3.019	2.726	1.276
1986	13.64	13.33	12.24	10.06	8.681	3.391
1987	1.931	1.891	1.734	1.538	1.392	0.6509
1988	2.144	2.071	1.786	1.349	1.124	0.3992
1989	0.9424	0.9199	0.8329	0.6699	0.5734	0.2127
1990	1.994	1.94	1.813	1.488	1.27	0.4866

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	13.64	13.33	12.24	10.06	8.681	3.622
0.064516	12.35	12.13	11.12	9.38	8.308	3.598
0.096774	11.75	11.55	10.87	9.321	8.235	3.582
0.129032	10.45	10.32	9.746	8.478	7.602	3.505
0.16129	10.27	10.19	9.718	8.403	7.499	3.391
0.193548	10.12	9.977	9.345	7.868	6.945	3.068
0.225806	10.06	9.931	9.253	7.84	6.942	3.015
0.258065	9.021	8.847	8.155	6.764	5.909	2.45
0.290323	6.538	6.403	6.088	5.145	4.529	1.914

0.322581	5.338	5.261	4.881	4.169	3.72	1.662
0.354839	4.96	4.894	4.599	3.839	3.339	1.346
0.387097	3.729	3.674	3.456	3.019	2.726	1.276
0.419355	3.714	3.649	3.398	2.863	2.581	1.213
0.451613	3.461	3.386	3.183	2.823	2.456	1.114
0.483871	3.424	3.365	3.135	2.678	2.379	1.061
0.516129	3.399	3.352	3.095	2.605	2.357	1.051
0.548387	3.3	3.249	3.023	2.543	2.25	1.018
0.580645	2.144	2.071	1.813	1.538	1.392	0.7086
0.612903	1.994	1.94	1.786	1.508	1.331	0.6509
0.645161	1.931	1.891	1.78	1.488	1.27	0.4866
0.677419	1.914	1.876	1.734	1.349	1.124	0.3992
0.709677	1.091	1.079	1.05	0.705	0.5734	0.2419
0.741935	0.9424	0.9199	0.8329	0.6699	0.5381	0.2127
0.774194	0.7901	0.7759	0.7198	0.6201	0.5291	0.168
0.806452	0.7048	0.6896	0.6517	0.6087	0.4717	0.1617
0.83871	0.4734	0.4641	0.4382	0.4182	0.3795	0.1454
0.870968	0.4374	0.4312	0.4057	0.341	0.3001	0.1406
0.903226	0.3551	0.347	0.3167	0.2617	0.2382	0.1236
0.935484	0.228	0.225	0.2129	0.1868	0.1819	0.09669
0.967742	0.2017	0.1988	0.1872	0.1689	0.1612	0.08345
0.1	11.62	11.427	10.7576	9.2367	8.1717	3.5743
				Average of yearly averages:		1.383511

Lettuce, Inject: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Lettuce-inj

Metfile: w23273.dvf

PRZM scenario: CAlettuceSTD.txt

EXAMS environment file: pond298.exv

Chemical disulfoton

Name:

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	274.4	g/mol	
Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr	1.80E-04	torr	
Solubility	sol	150	mg/L	
Kd	Kd		mg/L	
Koc	Koc	70	mg/L	
Photolysis half-life	kdp	141	days	Half-life
Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	418	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method:	CAM	5	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	2.24	kg/ha	
Application Efficiency:	APPEFF	1	fraction	
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	2-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA			
	IPSCND	1		
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	IR	EPA Pond		
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

Lettuce, Chemigation: Outputs

stored as Lettuce-chem.out

Chemical: disulfoton

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

Metfile: w23273.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	7.265	7.19	6.908	4.664	3.118	0.8069
1962	66.81	66.21	63.15	55.08	49.41	23.3
1963	64.92	64.23	60.68	52.4	46.72	21.88
1964	10.72	10.51	10.06	8.571	7.571	4.14
1965	1.205	1.187	1.117	1.004	0.958	0.5096
1966	4.935	4.846	4.496	3.798	3.358	1.533
1967	2.767	2.727	2.585	2.184	1.924	0.9175
1968	2.973	2.914	2.701	2.493	2.294	1.035
1969	37.25	36.48	34.94	29.65	26.12	11.05
1970	23.95	23.56	21.97	18.26	15.89	6.811
1971	2.576	2.517	2.295	1.894	1.658	1.112
1972	4.372	4.313	4.064	3.74	3.223	0.9024
1973	34.23	33.81	31.34	26.51	23.72	10.63
1974	49.51	48.57	44.86	37.25	32.55	13.55
1975	61.68	60.7	57.01	48.02	42.38	18.7
1976	23.09	22.77	21.16	17.8	15.7	7.039
1977	19.74	19.32	17.66	14.95	13.68	6.216
1978	65.28	64.4	60.02	50.86	45.08	19.56
1979	21.5	21.23	20.36	18.24	16.48	7.772
1980	72.14	71.04	64.98	54.58	48.25	21.12
1981	66.98	65.85	62.04	53.99	47.89	20.93
1982	19.17	18.84	17.56	15.03	13.36	6.281
1983	30.33	29.92	28.25	23.7	20.63	8.301
1984	1.411	1.393	1.318	1.156	1.13	0.616
1985	21.19	20.87	19.64	17.19	15.53	7.289
1986	76.98	75.25	69	56.77	49	19.16
1987	12.51	12.26	11.23	9.487	8.69	4.072
1988	13.99	13.52	11.66	8.788	7.352	2.618
1989	5.724	5.587	5.059	4.062	3.479	1.298
1990	12.02	11.69	11.01	9.084	7.763	2.983

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	76.98	75.25	69	56.77	49.41	23.3
0.064516	72.14	71.04	64.98	55.08	49	21.88
0.096774	66.98	66.21	63.15	54.58	48.25	21.12
0.129032	66.81	65.85	62.04	53.99	47.89	20.93
0.16129	65.28	64.4	60.68	52.4	46.72	19.56
0.193548	64.92	64.23	60.02	50.86	45.08	19.16
0.225806	61.68	60.7	57.01	48.02	42.38	18.7

0.258065	49.51	48.57	44.86	37.25	32.55	13.55
0.290323	37.25	36.48	34.94	29.65	26.12	11.05
0.322581	34.23	33.81	31.34	26.51	23.72	10.63
0.354839	30.33	29.92	28.25	23.7	20.63	8.301
0.387097	23.95	23.56	21.97	18.26	16.48	7.772
0.419355	23.09	22.77	21.16	18.24	15.89	7.289
0.451613	21.5	21.23	20.36	17.8	15.7	7.039
0.483871	21.19	20.87	19.64	17.19	15.53	6.811
0.516129	19.74	19.32	17.66	15.03	13.68	6.281
0.548387	19.17	18.84	17.56	14.95	13.36	6.216
0.580645	13.99	13.52	11.66	9.487	8.69	4.14
0.612903	12.51	12.26	11.23	9.084	7.763	4.072
0.645161	12.02	11.69	11.01	8.788	7.571	2.983
0.677419	10.72	10.51	10.06	8.571	7.352	2.618
0.709677	7.265	7.19	6.908	4.664	3.479	1.533
0.741935	5.724	5.587	5.059	4.062	3.358	1.298
0.774194	4.935	4.846	4.496	3.798	3.223	1.112
0.806452	4.372	4.313	4.064	3.74	3.118	1.035
0.83871	2.973	2.914	2.701	2.493	2.294	0.9175
0.870968	2.767	2.727	2.585	2.184	1.924	0.9024
0.903226	2.576	2.517	2.295	1.894	1.658	0.8069
0.935484	1.411	1.393	1.318	1.156	1.13	0.616
0.967742	1.205	1.187	1.117	1.004	0.958	0.5096
0.1	66.963	66.174	63.039	54.521	48.214	21.101
					Average of yearly averages:	8.404413

Lettuce, Chemigation: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Lettuce-chem

Metfile: w23273.dvf
 PRZM scenario: CAlettuceSTD.txt
 EXAMS environment file: pond298.exv
 Chemical Name: disulfoton

Description	Variable	Name	Value	Units	Comments
Molecular weight	mwt		274.4	g/mol	
Henry's Law Const.	henry		2.60E-06	atm-m ³ /mol	
Vapor Pressure	vapr		1.80E-04	torr	
Solubility	sol		150	mg/L	
Kd	Kd			mg/L	
Koc	Koc		70	mg/L	
Photolysis half-life	kdp		141	days	Half-life
Aerobic Aquatic Metabolism	kbacw		182	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		0	days	Halfife
Aerobic Soil Metabolism	asm		418	days	Halfife
Hydrolysis:	pH 7		0	days	Half-life
Method:	CAM		1	integer	See PRZM manual
Incorporation Depth:	DEPI			cm	
Application Rate:	TAPP		2.24	kg/ha	
Application Efficiency:	APPEFF		1	fraction	
Spray Drift	DRFT		0	fraction of application rate applied to pond	
Application Date	Date		2-Jan	dd/mm or dd/mmm or dd-mm or dd-mmm	
Record 17:	FILTRA				
	IPSCND		1		
	UPTKF				
Record 18:	PLVKRT				
	PLDKRT				
	FEXTRC		0.5		
Flag for Index Res. Run	IR		EPA Pond		
Flag for runoff calc.	RUNOFF		none	none, monthly or total(average of entire run)	

Residential Use: Outputs

stored as Residential.out

Chemical: disulfoton

PRZM environment:

CAresidentialRLF.txt

modified Tuesday, 20 February 2007 at 12:04:34

EXAMS environment: pond298.exv

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

Metfile: w23234.dvf

modified Wedday, 3 July 2002 at 09:04:22

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.235	2.182	2.102	1.875	1.664	0.6338
1962	2.032	1.972	1.924	1.786	1.619	0.6799
1963	1.364	1.33	1.287	1.218	1.141	0.5258
1964	1.956	1.897	1.844	1.709	1.557	0.6479
1965	1.774	1.723	1.677	1.578	1.463	0.6195
1966	1.879	1.834	1.8	1.691	1.545	0.6856
1967	4.881	4.757	4.427	3.63	3.136	1.163
1968	1.837	1.784	1.712	1.587	1.434	0.6114
1969	1.659	1.609	1.567	1.421	1.272	0.513
1970	2.047	1.988	1.94	1.8	1.614	0.644
1971	1.824	1.775	1.747	1.627	1.493	0.6533
1972	1.795	1.749	1.72	1.587	1.442	0.6414
1973	2.161	2.104	2.071	1.912	1.727	0.7375
1974	4.244	4.142	3.99	3.651	3.25	1.258
1975	1.803	1.755	1.721	1.59	1.446	0.6716
1976	1.752	1.701	1.649	1.492	1.338	0.6016
1977	1.788	1.734	1.667	1.602	1.48	0.6501
1978	2.155	2.102	2.062	1.878	1.654	0.6524
1979	1.971	1.919	1.874	1.715	1.572	0.668
1980	1.791	1.736	1.705	1.571	1.431	0.6146
1981	2.15	2.087	2.029	1.84	1.671	0.7176
1982	3.718	3.631	3.543	3.266	2.882	1.113
1983	1.842	1.795	1.66	1.556	1.408	0.6067
1984	2.06	1.993	1.948	1.74	1.543	0.6189
1985	2.063	2.005	1.976	1.805	1.637	0.694
1986	2.156	2.095	2.041	1.879	1.705	0.7444
1987	2.132	2.072	2.011	1.862	1.688	0.7184
1988	3.17	3.106	2.955	2.571	2.24	0.8982
1989	2.007	1.949	1.908	1.77	1.625	0.6951
1990	2.194	2.137	2.084	1.864	1.672	0.7206

Sorted
results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258	4.881	4.757	4.427	3.651	3.25	1.258
0.064516	4.244	4.142	3.99	3.63	3.136	1.163
0.096774	3.718	3.631	3.543	3.266	2.882	1.113
0.129032	3.17	3.106	2.955	2.571	2.24	0.8982

0.16129	2.235	2.182	2.102	1.912	1.727	0.7444
0.193548	2.194	2.137	2.084	1.879	1.705	0.7375
0.225806	2.161	2.104	2.071	1.878	1.688	0.7206
0.258065	2.156	2.102	2.062	1.875	1.672	0.7184
0.290323	2.155	2.095	2.041	1.864	1.671	0.7176
0.322581	2.15	2.087	2.029	1.862	1.664	0.6951
0.354839	2.132	2.072	2.011	1.84	1.654	0.694
0.387097	2.063	2.005	1.976	1.805	1.637	0.6856
0.419355	2.06	1.993	1.948	1.8	1.625	0.6799
0.451613	2.047	1.988	1.94	1.786	1.619	0.6716
0.483871	2.032	1.972	1.924	1.77	1.614	0.668
0.516129	2.007	1.949	1.908	1.74	1.572	0.6533
0.548387	1.971	1.919	1.874	1.715	1.557	0.6524
0.580645	1.956	1.897	1.844	1.709	1.545	0.6501
0.612903	1.879	1.834	1.8	1.691	1.543	0.6479
0.645161	1.842	1.795	1.747	1.627	1.493	0.644
0.677419	1.837	1.784	1.721	1.602	1.48	0.6414
0.709677	1.824	1.775	1.72	1.59	1.463	0.6338
0.741935	1.803	1.755	1.712	1.587	1.446	0.6195
0.774194	1.795	1.749	1.705	1.587	1.442	0.6189
0.806452	1.791	1.736	1.677	1.578	1.434	0.6146
0.83871	1.788	1.734	1.667	1.571	1.431	0.6114
0.870968	1.774	1.723	1.66	1.556	1.408	0.6067
0.903226	1.752	1.701	1.649	1.492	1.338	0.6016
0.935484	1.659	1.609	1.567	1.421	1.272	0.5258
0.967742	1.364	1.33	1.287	1.218	1.141	0.513
0.1	3.6632	3.5785	3.4842	3.1965	2.8178	1.09152
					Average of yearly averages:	0.71331

Residential Use: Inputs

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Residential

Metfile: w23234.dvf

PRZM scenario: CAresidentialRLF.txt

EXAMS

environment file: pond298.exv

Chemical Name: disulfoton

Description	Variable Name	Value	Units	Comments
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Molecular weight	mwt	274.4	g/mol	
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Henry's Law Const.	henry	2.60E-06	atm-m ³ /mol	
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Vapor Pressure	vapr	1.80E-04	torr	
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Solubility	sol	150	mg/L	
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Kd	Kd		mg/L	
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Koc	Koc	70	mg/L	
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Photolysis half-life	kdp	141	days	Half-life
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Aerobic Aquatic Metabolism	kbacw	182	days	Halfife
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Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
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Aerobic Soil Metabolism	asm	418	days	Halfife
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Hydrolysis:	pH 7	0	days	Half-life
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Method:	CAM	1	integer	See PRZM manual
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Incorporation

Depth:	DEPI		cm	
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Application Rate:	TAPP	1.8	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	4-Jan	dd/mm or dd/mm/m or dd-mm or dd-mmm	
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Record 17: FILTRA

IPSCND	1
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UPTKF

Record 18: PLVKRT

PLDKRT

FEXTRC	0.5
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Flag for Index Res.

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