APPENDIX D.

Aquatic Model (PRZM/EXAMS) Output

EPTC California Red Legged Frog Assessment.

Appendix D. Table 1. One-in-10-year EEC concentrations for aquatic environments from the application of EPTC to uses in California.

Use (1st app day/month)	Rate (lb a.i./A)/ Number/ Interval	Peak (µg/L)	21-day (µg/L)	60-day (µg/L)
Alfalfa 1/01	3.0625/3/40	33.44	27.89	18.57
Alfalfa 5/01	6.13/1/-	44.19	33.64	22.22
Alfalfa 20/01	6.13/1/-	32.36	25.05	16.30
Alfalfa 20/01	3.0625/4/60	21.08	15.55	9.57
Alfalfa 1/06	3.0625/4/60	18.22	14.35	9.20
Almond 15/07	3.0625/1/-	9.36	7.76	4.47
Almond 15/07	3.0625/2/30	13.68	11.06	8.15
Almond 30/08	3.0625/2/45	13.40	10.27	7.00
Beans, Dried 01/01	4.594/1/-	31.12	22.74	13.80
Beans, Dried 01/04	4.594/1/-	20.84	13.13	7.52
Beans, Dried 01/06	4.594/1/-	4.034	2.96	1.73
Beans, Dried 01/01	3.94/2/30	41.33	30.08	17.94
Beans, Dried 01/04	3.94/2/30	17.87	11.26	6.89
Beans, Dried 01/06	3.94/2/30	6.71	3.70	2.14
Beans, Dried 01/01	4.594 + 3.67/30	47.90	34.96	20.70
Beans, Dried 01/04	4.594 + 3.67/30	20.84	13.13	7.96
Beans, Dried 01/06	4.594 + 3.67/30	7.77	4.29	2.41
Beans, Snap 01/01	3.94/1/-	26.67	19.49	11.83
Beans, Snap 01/04	3.94/1/-	17.87	11.25	6.45
Beans, Snap 01/06	3.94/1/-	3.46	2.54	1.48
Beans, Snap 01/01	3.0625/1/-	37.29	25.62	14.68
Beans, Snap 01/04	3.0625/1/-	9.74	5.91	2.98
Beans, Snap 01/06	3.0625/1/-	2.69	1.97	1.15
Beans, Snap 01/08	3.0625/1/-	4.65	2.85	1.62
Beans, Snap 01/01	4.77/2/90	39.28	24.67	13.23
Beans, Snap 01/01	3.94 + 4.58/2/90	41.09	26.16	13.34
Broccoli 05/01 [Cabbage]	6.13/1/-	68.64	50.41	30.47

Appendix D. Table 1. One-in-10-year EEC concentrations for aquatic environments from the application of EPTC to uses in California.				
Use (1st app day/month)	**Rate (lb a.i./A)/ Number/ Interval**	**Peak (µg/L)**	**21-day (µg/L)**	**60-day (µg/L)**
Broccoli 05/06 [Cabbage]	6.13/1/-	14.74	8.638	4.07
Broccoli 05/09 [Cabbage]	6.13/1/-	33.87	21.48	14.16
Carrot 01/01	6.13/1/-	41.49	30.32	18.40
Carrot 01/04	6.13/1/-	27.79	17.51	10.03
Carrot 01/06	6.13/1/-	5.38	3.94	2.31
Carrot 01/08	6.13/1/-	9.30	5.71	3.24
Carrot 01/09	6.13/1/-	16.80	10.31	5.85
Caster Beans 01/01	1.76/1/-	13.33	9.75	5.91
Cauliflower 05/01	6.13/1/-	68.64	50.41	30.47
Cauliflower 05/06	6.13/1/-	14.74	8.64	4.07
Cauliflower 05/09	6.13/1/-	33.87	21.48	14.16
Clover 06/09	3.94/1/-	12.11	10.65	7.58
Corn 15/03	6.13/1/-	43.55	29.91	19.53
Cotton 15/05	6.13/1/-	3.43	2.72	1.65
Grapefruit 15/01	6.13/1/-	7.47	5.48	3.59
Grapefruit 15/01	3.0625/1/-	3.74	2.74	1.79
Lemon 15/01	6.13/1/-	7.47	5.48	3.59
Lemon 15/01	3.0625/1/-	3.74	2.74	1.79
Lespedeza 15/01	3.94/1/-	28.21	20.86	13.56
Lespedeza (g) 15/01	4.00/1/-	27.56	20.92	13.80
Lettuce 01/02	**6.13/1/-**	**170.8**	**122.2**	**72.94**
Lettuce 01/05	6.13/1/-	13.98	9.84	6.12
Lettuce 01/06	6.13/1/-	8.33	5.99	3.60
Lettuce 01/07	6.13/1/-	14.63	10.54	6.33
Lettuce 01/08	6.13/1/-	26.23	18.88	11.35
Lettuce 17/08	6.13/1/-	35.46	25.52	15.34
Orange 15/01	6.13/1/-	7.47	5.48	3.59
Orange 15/01	3.0625/1/-	3.74	2.74	1.79
Potato 16/02	3.0625/1/-	1.90	1.52	0.98
Potato 16/02	6.13/1/-	3.81	3.04	1.97
Potato 16/02	6.13/1/-	3.81	3.04	1.97
Potato 10/02	6.00/1/- g[1]	73.99	52.95	31.33

Appendix D. Table 1. One-in-10-year EEC concentrations for aquatic environments from the application of EPTC to uses in California.				
Use (1st app day/month)	**Rate (lb a.i./A)/ Number/ Interval**	**Peak (µg/L)**	**21-day (µg/L)**	**60-day (µg/L)**
Potato 10/02	6.13/1/-	76.56	54.58	32.43
Potato 16/02	6.00/1/- g	3.73	2.98	1.92
Potato 10/02	6.13/1/-	78.16	55.72	33.10
Potato 16/02	6.13/1/-	3.81	3.04	1.97
Potato 01/03	6.13/1/-	4.10	3.11	2.03
Potato 10/02	6.13/2/30	78.17	55.72	34.15
Potato 09/02	6.13/2/30	54.45	36.77	20.86
Potato 16/02	6.13/2/30	7.12	5.13	3.24
Safflower 01/01	3.0625/1/-	27.79	21.85	14.48
Safflower 01/01	3.0625/2/30	51.58	38.70	27.71
Safflower 01/03	3.0625/1/-	32.30	23.98	15.33
Sugar Beet 25/01	6.13/1/-	31.69	26.15	17.52
Sugar Beet 20/05	6.13/1/-	3.50	2.61	1.65
Sugar Beet 05/06	6.13/1/-	3.50	2.58	1.55
Sugar Beet 20/07	6.13/1/-	3.51	2.70	1.70
Sugar Beet 07/11	6.13/1/-	19.05	14.76	10.26
Sunflower 15/03	3.06/2/30	23.77	16.88	10.68
Sunflower 01/04	3.06/2/30	10.91	7.74	4.48
Sweet Potato 10/02	7.44/1/-	94.93	67.68	40.21
Tomato 20/05	3.0625/1/-	1.93	1.49	0.90
Tangerine 15/01	3.0625/1/-	3.74	2.74	1.79
Walnut 15/08	3.0625/1/-	10.24	8.21	5.30
Walnut 15/01	3.0625/1/-	23.85	17.87	11.15
Walnut 15/05	3.0625/1/-	18.93	14.48	8.96
Walnut 15/06	3.0625/1/-	11.53	9.02	5.83
Walnut 15/08	3.0625/1/-	12.69	9.74	6.25
[Carrot] Fallow/Idle 20/09	6.13/1/-	58.23	44.05	27.45
[Lettuce] Fallow/Idle 30/08	6.13/1/-	45.34	32.63	19.61
[Lettuce] Fallow/Idle 01/08	6.13/1/-	26.23	18.88	11.35
[Tomato] Fallow/Idle02/01	6.13/1/-	85.53	66.48	43.51
[Tomato] Fallow/Idle 30/09	6.13/1/-	38.10	28.30	21.10
[Cotton] Fallow/Idle 15/03	6.13/1/-	34.23	24.92	14.57

Appendix D. Table 1. One-in-10-year EEC concentrations for aquatic environments from the application of EPTC to uses in California.				
Use (1st app day/month)	**Rate (lb a.i./A)/ Number/ Interval**	**Peak (µg/L)**	**21-day (µg/L)**	**60-day (µg/L)**
Forestry/Ornamental 15/01	14.88/1/-	146.5	108.0	67.1

[1]granular forumulation
[2] Unequal application rates.

```
stored as citrusig.out
Chemical: EPTC
PRZM environment: CAcitrus_WirrigSTD.txt  modified Tueday, 29 May 2007
at 13:41:26
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.274 2.715 1.751 1.317 0.3584
1962  3.433 3.218 2.487 1.829 1.391 0.3796
1963  3.434 3.225 2.515 1.791 1.347 0.3666
1964  3.435 3.235 2.546 1.583 1.18  0.3197
1965  3.432 3.223 2.507 1.518 1.11  0.2958
1966  3.432 3.206 2.619 1.827 1.374 0.3726
1967  6.731 6.34  5.006 3.384 2.558 0.7085
1968  3.444 3.277 2.692 1.8   1.373 0.3841
1969  3.441 3.278 2.693 1.76  1.339 0.3705
1970  3.434 3.21  2.459 1.523 1.129 0.3039
1971  3.432 3.246 2.596 1.622 1.197 0.319
1972  3.432 3.21  2.462 1.47  1.075 0.2835
1973  16.41 15.29 11.5  6.566 4.776 1.264
1974  3.444 3.229 2.501 1.566 1.169 0.3183
1975  3.434 3.244 2.592 1.689 1.252 0.3394
1976  3.433 3.225 2.511 1.506 1.103 0.2934
1977  3.432 3.232 2.539 1.524 1.113 0.2974
1978  7.557 7.21  5.529 3.608 2.925 0.8261
1979  4.507 4.215 3.235 2.029 1.531 0.421
1980  3.435 3.256 2.624 1.648 1.236 0.3438
1981  3.437 3.27  2.805 1.976 1.54  0.4358
1982  3.436 3.234 2.54  1.626 1.228 0.3405
1983  14.81 13.99 11.25 7.283 5.566 1.532
1984  3.456 3.284 2.673 1.727 1.304 0.3598
1985  3.435 3.263 2.691 1.776 1.353 0.3768
1986  3.435 3.242 2.573 1.616 1.216 0.3352
1987  3.434 3.236 2.555 1.604 1.196 0.3272
1988  3.431 3.061 2.071 1.008 0.6943      0.1759
1989  3.429 3.105 2.117 1.061 0.734 0.1866
1990  3.429 3.1   2.101 1.059 0.7348      0.1866

Sorted results
```

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	16.41	15.29	11.5	7.283	5.566	1.532
0.0645161290322581		14.81	13.99	11.25	6.566	4.776	1.264
0.0967741935483871		7.557	7.21	5.529	3.608	2.925	0.8261
0.129032258064516	6.731	6.34	5.006	3.384	2.558	0.7085
0.161290322580645	4.507	4.215	3.235	2.029	1.54	0.4358
0.193548387096774	3.456	3.284	2.805	1.976	1.531	0.421
0.225806451612903	3.444	3.278	2.715	1.829	1.391	0.3841
0.258064516129032	3.444	3.277	2.693	1.827	1.374	0.3796
0.290322580645161	3.441	3.274	2.692	1.8	1.373	0.3768
0.32258064516129	3.437	3.27	2.691	1.791	1.353	0.3726
0.354838709677419	3.436	3.263	2.673	1.776	1.347	0.3705
0.387096774193548	3.435	3.256	2.624	1.76	1.339	0.3666
0.419354838709677	3.435	3.246	2.619	1.751	1.317	0.3598
0.451612903225806	3.435	3.244	2.596	1.727	1.304	0.3584
0.483870967741936	3.435	3.242	2.592	1.689	1.252	0.3438
0.516129032258065	3.434	3.236	2.573	1.648	1.236	0.3405
0.548387096774194	3.434	3.235	2.555	1.626	1.228	0.3394
0.580645161290323	3.434	3.234	2.546	1.622	1.216	0.3352
0.612903225806452	3.434	3.232	2.54	1.616	1.197	0.3272
0.645161290322581	3.433	3.229	2.539	1.604	1.196	0.3197
0.67741935483871	3.433	3.225	2.515	1.583	1.18	0.319
0.709677419354839	3.432	3.225	2.511	1.566	1.169	0.3183
0.741935483870968	3.432	3.223	2.507	1.524	1.129	0.3039
0.774193548387097	3.432	3.218	2.501	1.523	1.113	0.2974
0.806451612903226	3.432	3.21	2.487	1.518	1.11	0.2958
0.838709677419355	3.432	3.21	2.462	1.506	1.103	0.2934
0.870967741935484	3.431	3.206	2.459	1.47	1.075	0.2835
0.903225806451613	3.429	3.105	2.117	1.061	0.7348	0.1866
0.935483870967742	3.429	3.1	2.101	1.059	0.734	0.1866
0.967741935483871	3.429	3.061	2.071	1.008	0.6943	0.1759
0.1	7.4744	7.123	5.4767	3.5856	2.8883	0.81434

Average of yearly averages: 0.4274

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: citrusig
Metfile: w23155.dvf
PRZM scenario: CAcitrus_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	189.32	g/mol	
Henry's Law Const.	henry	1.5e-05	atm-m^3/mol	
Vapor Pressure	vapr	1.6e-02	torr	
Solubility	sol	344	mg/L	
Kd	Kd		mg/L	
Koc	Koc	172	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	0	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	37.08	days	Halfife
Hydrolysis: pH 7		0	days	Half-life
Method:	CAM	1	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	

Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 15-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
IPSCND
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)
stored as alfalfa.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt modified Thuday, 14 June 2007 at 10:20:44
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.499	7.157	6.206	4.483	3.773	1.185
1962	51.46	49.08	39.71	25.98	19.73	5.652
1963	15.83	14.75	12.77	9.854	9.693	3.135
1964	2.574	2.436	1.954	1.626	1.469	0.522
1965	9.801	9.176	8.053	5.732	4.316	1.357
1966	3.194	3.013	2.39	1.906	1.703	0.5944
1967	8.414	7.853	6.645	5.292	5.525	1.943
1968	7.021	6.552	4.992	4.242	3.734	1.23
1969	34.36	33.01	28.78	23.18	19.87	6.066
1970	21	19.78	15.95	12.21	10.54	3.11
1971	2.792	2.576	1.88	1.568	1.514	0.5785
1972	3.618	3.408	2.685	2.091	1.741	0.5927
1973	21.66	20.4	16.24	10.56	8	2.462
1974	9.412	8.892	7.231	5.16	4.741	1.689
1975	4.897	4.648	3.773	2.948	2.627	0.8708
1976	12.68	11.98	9.796	6.778	5.304	1.594
1977	4.887	4.622	3.698	2.815	2.594	0.8723
1978	23.39	21.96	17.73	13.95	12.31	4.008
1979	7.472	7.06	5.927	5.309	4.887	1.515
1980	25.13	23.46	17.87	11.39	9.472	2.827
1981	9.098	8.569	7.561	5.546	4.703	1.42
1982	14.51	13.66	10.71	7.299	6.355	2.301
1983	24.22	22.87	19.91	14.41	12.55	3.724
1984	4.068	3.849	3.089	2.341	1.936	0.6497
1985	3.69	3.531	2.957	2.401	2.015	0.6996
1986	42.75	39.71	30.29	19.03	14.5	4.22
1987	11.74	11.26	9.061	7.391	6.819	2.135
1988	3.814	3.609	2.811	2.715	2.548	0.9911
1989	18.62	17.31	12.82	8.235	6.544	2.166
1990	15.84	15.12	12.39	8.794	7.089	2.108

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	51.46	49.08	39.71	25.98	19.87	6.066

```
0.0645161290322581      42.75 39.71 30.29 23.18 19.73 5.652
0.0967741935483871      34.36 33.01 28.78 19.03 14.5  4.22
0.129032258064516 25.13 23.46 19.91 14.41 12.55 4.008
0.161290322580645 24.22 22.87 17.87 13.95 12.31 3.724
0.193548387096774 23.39 21.96 17.73 12.21 10.54 3.135
0.225806451612903 21.66 20.4  16.24 11.39 9.693 3.11
0.258064516129032 21    19.78 15.95 10.56 9.472 2.827
0.290322580645161 18.62 17.31 12.82 9.854 8     2.462
0.32258064516129  15.84 15.12 12.77 8.794 7.089 2.301
0.354838709677419 15.83 14.75 12.39 8.235 6.819 2.166
0.387096774193548 14.51 13.66 10.71 7.391 6.544 2.135
0.419354838709677 12.68 11.98 9.796 7.299 6.355 2.108
0.451612903225806 11.74 11.26 9.061 6.778 5.525 1.943
0.483870967741936 9.801 9.176 8.053 5.732 5.304 1.689
0.516129032258065 9.412 8.892 7.561 5.546 4.887 1.594
0.548387096774194 9.098 8.569 7.231 5.309 4.741 1.515
0.580645161290323 8.414 7.853 6.645 5.292 4.703 1.42
0.612903225806452 7.499 7.157 6.206 5.16  4.316 1.357
0.645161290322581 7.472 7.06  5.927 4.483 3.773 1.23
0.67741935483871  7.021 6.552 4.992 4.242 3.734 1.185
0.709677419354839 4.897 4.648 3.773 2.948 2.627 0.9911
0.741935483870968 4.887 4.622 3.698 2.815 2.594 0.8723
0.774193548387097 4.068 3.849 3.089 2.715 2.548 0.8708
0.806451612903226 3.814 3.609 2.957 2.401 2.015 0.6996
0.838709677419355 3.69  3.531 2.811 2.341 1.936 0.6497
0.870967741935484 3.618 3.408 2.685 2.091 1.741 0.5944
0.903225806451613 3.194 3.013 2.39  1.906 1.703 0.5927
0.935483870967742 2.792 2.576 1.954 1.626 1.514 0.5785
0.967741935483871 2.574 2.436 1.88  1.568 1.469 0.522

0.1   33.437      32.055      27.893      18.568      14.305
      4.1988
                              Average of yearly averages:
      2.07393666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: alfalfa
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
```

```
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-01  dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    40    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Interval 2  interval    40    days  Set to 0 or delete line for single
app.
app. rate 2 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as alfmult60.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 10:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  8.215 7.915 7.163 4.951 3.82  1.349
1962  22.59 21.46 17.37 10.98 8.232 3.419
1963  15.57 14.62 12.48 8.115 8.256 3.714
1964  7.977 7.649 6.791 4.373 3.286 1.148
1965  7.922 7.543 6.764 4.522 3.458 1.639
1966  7.934 7.627 6.757 4.412 3.338 1.168
1967  8.914 8.542 7.85  5.518 4.373 2.413
1968  7.714 7.413 6.521 4.236 3.207 1.455
1969  19.48 17.96 13.09 7.919 7.008 3.257
1970  7.792 7.519 6.757 4.55  3.472 1.717
1971  7.889 7.552 6.681 4.21  3.129 1.306
1972  8.131 7.808 6.94  4.542 3.485 1.566
1973  9.667 9.106 7.261 5.039 3.909 2.237
1974  7.716 7.421 6.582 4.395 3.369 1.285
1975  7.05  6.8   6.304 4.461 3.475 1.251
1976  21.26 20.1  16.31 10.61 7.975 3.198
1977  7.984 7.631 6.812 4.372 3.304 1.239
1978  15.7  15.18 12.3  8.33  7.712 3.398
1979  8.174 7.841 6.896 4.469 3.368 1.437
1980  16.05 14.98 11.41 6.868 5.024 2.487
1981  8.259 7.912 7.014 4.467 3.346 1.494
1982  7.709 7.33  6.682 4.33  3.25  1.329
1983  13.27 12.69 10.02 6.387 4.891 2.576
1984  8.299 7.967 7.076 4.572 3.434 1.543
1985  7.543 7.229 6.467 4.278 3.407 1.527
1986  22.26 20.68 15.82 9.712 7.171 3.286
1987  8.378 8.093 7.21  4.912 3.795 1.771
1988  8.042 7.722 7.025 4.726 3.636 1.897
```

```
1989  7.829 7.514 6.747 4.409 3.354 1.492
1990  8.187 7.851 6.958 4.528 3.457 1.66

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 22.59 21.46 17.37 10.98 8.256 3.714
0.0645161290322581      22.26 20.68 16.31 10.61 8.232 3.419
0.0967741935483871      21.26 20.1  15.82 9.712 7.975 3.398
0.129032258064516 19.48 17.96 13.09 8.33  7.712 3.286
0.161290322580645 16.05 15.18 12.48 8.115 7.171 3.257
0.193548387096774 15.7  14.98 12.3  7.919 7.008 3.198
0.225806451612903 15.57 14.62 11.41 6.868 5.024 2.576
0.258064516129032 13.27 12.69 10.02 6.387 4.891 2.487
0.290322580645161 9.667 9.106 7.85  5.518 4.373 2.413
0.32258064516129  8.914 8.542 7.261 5.039 3.909 2.237
0.354838709677419 8.378 8.093 7.21  4.951 3.82  1.897
0.387096774193548 8.299 7.967 7.163 4.912 3.795 1.771
0.419354838709677 8.259 7.915 7.076 4.726 3.636 1.717
0.451612903225806 8.215 7.912 7.025 4.572 3.485 1.66
0.483870967741936 8.187 7.851 7.014 4.55  3.475 1.639
0.516129032258065 8.174 7.841 6.958 4.542 3.472 1.566
0.548387096774194 8.131 7.808 6.94  4.528 3.458 1.543
0.580645161290323 8.042 7.722 6.896 4.522 3.457 1.527
0.612903225806452 7.984 7.649 6.812 4.469 3.434 1.494
0.645161290322581 7.977 7.631 6.791 4.467 3.407 1.492
0.67741935483871  7.934 7.627 6.764 4.461 3.369 1.455
0.709677419354839 7.922 7.552 6.757 4.412 3.368 1.437
0.741935483870968 7.889 7.543 6.757 4.409 3.354 1.349
0.774193548387097 7.829 7.519 6.747 4.395 3.346 1.329
0.806451612903226 7.792 7.514 6.682 4.373 3.338 1.306
0.838709677419355 7.716 7.421 6.681 4.372 3.304 1.285
0.870967741935484 7.714 7.413 6.582 4.33  3.286 1.251
0.903225806451613 7.709 7.33  6.521 4.278 3.25  1.239
0.935483870967742 7.543 7.229 6.467 4.236 3.207 1.168
0.967741935483871 7.05  6.8   6.304 4.21  3.129 1.148

0.1   21.082      19.886      15.547      9.5738      7.9487
      3.3868
                              Average of yearly averages:
      1.97526666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: alfmult60
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
```

Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 3.43 kg/ha
Application Efficiency: APPEFF 1.00 fraction
Spray Drift DRFT fraction of application rate applied to pond
Application Date Date 1-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1 interval 60 days Set to 0 or delete line for single app.
app. rate 1 apprate 3.43 kg/ha
Interval 2 interval 60 days Set to 0 or delete line for single app.
app. rate 2 apprate 3.43 kg/ha
Interval 3 interval 60 days Set to 0 or delete line for single app.
app. rate 3 apprate 3.43 kg/ha
Record 17: FILTRA
  IPSCND
  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)
stored as alfmult60J.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt modified Thuday, 14 June 2007 at 10:20:44
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	12.44	11.95	10.16	6.948	7.117	2.876
1962	8.631	8.136	7.382	5.459	5.269	3.335
1963	8.969	8.477	7.588	5.76	5.433	2.884
1964	9.029	8.521	8.021	5.99	5.537	2.531
1965	8.839	8.391	7.89	6.02	5.579	2.618
1966	21.29	20.2	16.54	9.352	8.645	3.627
1967	10.87	10.36	8.524	6.572	6.225	4.023
1968	10.99	10.42	8.856	7.043	6.759	3.057
1969	10.29	9.814	8.784	6.21	5.728	3.743
1970	18.25	17.17	14.66	9.597	8.865	4.177
1971	10.77	10.19	8.2	5.32	4.981	3.061
1972	8.15	7.826	6.958	5.217	5.162	2.657
1973	10.82	10.26	8.856	6.645	6.158	2.889
1974	13.18	12.52	10.2	6.946	7.095	3.577
1975	8.746	8.263	7.522	6.044	5.529	3.127
1976	29.94	28.47	24.62	17.76	14.6	5.425
1977	14.7	13.87	10.36	6.597	6.905	3.826
1978	11.22	10.54	8.493	6.15	5.545	3.346
1979	8.621	8.104	7.474	5.525	5.3	2.736

```
1980  9.221 8.859 8.252 6.206 5.887 2.931
1981  8.278 7.931 7.033 5.012 5.019 2.66
1982  13.54 12.86 10.06 7.727 7.31  3.392
1983  10.45 9.906 8.199 6.426 4.943 3.268
1984  8.756 8.427 7.421 5.553 5.34  2.62
1985  8.486 8.085 7.841 6.371 6.289 3.337
1986  17.96 17.08 11.55 7.259 7.315 3.696
1987  14.26 13.56 11.34 7.448 6.079 4.066
1988  14.08 13.58 10.53 6.967 7.234 3.253
1989  11.67 11.19 9.693 6.912 5.418 3.786
1990  8.999 8.67  8.25  6.523 5.92  3.571

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 29.94 28.47 24.62 17.76 14.6  5.425
0.0645161290322581      21.29 20.2  16.54 9.597 8.865 4.177
0.0967741935483871      18.25 17.17 14.66 9.352 8.645 4.066
0.129032258064516 17.96 17.08 11.55 7.727 7.315 4.023
0.161290322580645 14.7  13.87 11.34 7.448 7.31  3.826
0.193548387096774 14.26 13.58 10.53 7.259 7.234 3.786
0.225806451612903 14.08 13.56 10.36 7.043 7.117 3.743
0.258064516129032 13.54 12.86 10.2  6.967 7.095 3.696
0.290322580645161 13.18 12.52 10.16 6.948 6.905 3.627
0.32258064516129  12.44 11.95 10.06 6.946 6.759 3.577
0.354838709677419 11.67 11.19 9.693 6.912 6.289 3.571
0.387096774193548 11.22 10.54 8.856 6.645 6.225 3.392
0.419354838709677 10.99 10.42 8.856 6.597 6.158 3.346
0.451612903225806 10.87 10.36 8.784 6.572 6.079 3.337
0.483870967741936 10.82 10.26 8.524 6.523 5.92  3.335
0.516129032258065 10.77 10.19 8.493 6.426 5.887 3.268
0.548387096774194 10.45 9.906 8.252 6.371 5.728 3.253
0.580645161290323 10.29 9.814 8.25  6.21  5.579 3.127
0.612903225806452 9.221 8.859 8.2   6.206 5.545 3.061
0.645161290322581 9.029 8.67  8.199 6.15  5.537 3.057
0.67741935483871  8.999 8.521 8.021 6.044 5.529 2.931
0.709677419354839 8.969 8.477 7.89  6.02  5.433 2.889
0.741935483870968 8.839 8.427 7.841 5.99  5.418 2.884
0.774193548387097 8.756 8.391 7.588 5.76  5.34  2.876
0.806451612903226 8.746 8.263 7.522 5.553 5.3   2.736
0.838709677419355 8.631 8.136 7.474 5.525 5.269 2.66
0.870967741935484 8.621 8.104 7.421 5.459 5.162 2.657
0.903225806451613 8.486 8.085 7.382 5.32  5.019 2.62
0.935483870967742 8.278 7.931 7.033 5.217 4.981 2.618
0.967741935483871 8.15  7.826 6.958 5.012 4.943 2.531

0.1   18.221      17.161      14.349      9.1895      8.512 4.0617
                              Average of yearly averages:   3.3365

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: alfmult60J
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
```

```
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      1.00  fraction
Spray Drift DRFT        fraction of application rate applied to pond
Application Date  Date  1-06  dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    60    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Interval 2  interval    60    days  Set to 0 or delete line for single
app.
app. rate 2 apprate     3.43  kg/ha
Interval 3  interval    60    days  Set to 0 or delete line for single
app.
app. rate 3 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as alfpospslt.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 10:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  21.64 20.65 16.59 10.48 7.917 2.188
1962  28.5  27.06 21.88 13.84 10.41 2.977
1963  28.89 27.13 24.35 16.25 12.18 3.376
1964  4.373 4.138 3.395 2.205 1.649 0.4497
1965  7.26  6.798 5.248 3.078 2.75  0.8385
1966  5.959 5.656 4.476 3.119 2.368 0.6523
1967  20.24 19.18 17.08 11.74 8.945 2.483
1968  4.422 4.208 3.421 3.097 2.559 0.7284
1969  65.52 61.61 47.01 29.15 21.96 5.957
1970  8.29  7.92  6.377 3.85  3.331 0.9941
1971  3.443 3.244 2.535 1.559 1.184 0.3242
1972  6.623 6.235 4.903 3.41  2.637 0.7228
```

```
1973  13.86 13.06 10.38 6.452 5.095 1.451
1974  3.453 3.262 2.587 1.788 1.429 0.4032
1975  3.432 3.256 2.614 1.661 1.269 0.355
1976  32.63 30.84 25.13 16.31 12.26 3.462
1977  3.499 3.31  2.639 1.684 1.332 0.3721
1978  25.13 24.34 19.69 12.27 9.176 2.582
1979  4.376 4.136 3.269 2.685 2.167 0.6012
1980  25.41 23.71 18.04 10.88 8.031 2.267
1981  26.4  24.86 20.03 13.48 10.16 2.746
1982  3.464 3.26  2.569 1.769 1.499 0.429
1983  77.04 72.73 61.55 39.08 28.88 7.766
1984  7.193 6.805 5.452 3.826 3.021 0.8369
1985  6.382 6.106 5.108 3.721 2.993 0.8462
1986  29.96 27.84 21.4  15.54 11.78 3.318
1987  5.769 5.423 4.312 3.431 2.928 0.8549
1988  3.442 3.245 2.586 2.187 1.827 0.5302
1989  4.946 4.601 3.462 3.111 2.654 0.752
1990  7.626 7.158 5.596 3.837 3.021 0.8425

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 77.04 72.73 61.55 39.08 28.88 7.766
0.0645161290322581      65.52 61.61 47.01 29.15 21.96 5.957
0.0967741935483871      32.63 30.84 25.13 16.31 12.26 3.462
0.129032258064516 29.96 27.84 24.35 16.25 12.18 3.376
0.161290322580645 28.89 27.13 21.88 15.54 11.78 3.318
0.193548387096774 28.5  27.06 21.4  13.84 10.41 2.977
0.225806451612903 26.4  24.86 20.03 13.48 10.16 2.746
0.258064516129032 25.41 24.34 19.69 12.27 9.176 2.582
0.290322580645161 25.13 23.71 18.04 11.74 8.945 2.483
0.32258064516129  21.64 20.65 17.08 10.88 8.031 2.267
0.354838709677419 20.24 19.18 16.59 10.48 7.917 2.188
0.387096774193548 13.86 13.06 10.38 6.452 5.095 1.451
0.419354838709677 8.29  7.92  6.377 3.85  3.331 0.9941
0.451612903225806 7.626 7.158 5.596 3.837 3.021 0.8549
0.483870967741936 7.26  6.805 5.452 3.826 3.021 0.8462
0.516129032258065 7.193 6.798 5.248 3.721 2.993 0.8425
0.548387096774194 6.623 6.235 5.108 3.431 2.928 0.8385
0.580645161290323 6.382 6.106 4.903 3.41  2.75  0.8369
0.612903225806452 5.959 5.656 4.476 3.119 2.654 0.752
0.645161290322581 5.769 5.423 4.312 3.111 2.637 0.7284
0.67741935483871  4.946 4.601 3.462 3.097 2.559 0.7228
0.709677419354839 4.422 4.208 3.421 3.078 2.368 0.6523
0.741935483870968 4.376 4.138 3.395 2.685 2.167 0.6012
0.774193548387097 4.373 4.136 3.269 2.205 1.827 0.5302
0.806451612903226 3.499 3.31  2.639 2.187 1.649 0.4497
0.838709677419355 3.464 3.262 2.614 1.788 1.499 0.429
0.870967741935484 3.453 3.26  2.587 1.769 1.429 0.4032
0.903225806451613 3.443 3.256 2.586 1.684 1.332 0.3721
0.935483870967742 3.442 3.245 2.569 1.661 1.269 0.355
0.967741935483871 3.432 3.244 2.535 1.559 1.184 0.3242

0.1   32.363      30.54 25.052      16.304      12.252      3.4534
                            Average of yearly averages:
      1.73687333333333

Inputs generated by pe5.pl - Novemeber 2006
```

```
Data used for this run:
Output File: alfposplt
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.85  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  20-1  dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as alfpreplt.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 10:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  16.16 15.43 12.41 7.852 6.116 1.761
1962  17.66 16.86 13.56 9.424 7.612 2.271
1963  21.61 20.3  18.19 12.16 9.1   2.636
1964  3.484 3.296 2.786 2.052 1.571 0.4315
1965  3.695 3.463 2.68  1.592 1.783 0.5784
1966  4.313 4.096 3.251 2.658 2.111 0.5947
1967  14.98 14.2  12.67 8.73  6.767 1.966
1968  3.469 3.292 2.852 2.477 2.126 0.6209
1969  74    71.1  61.99 40.1  30.04 8.21
1970  45.15 42.52 34.28 22.65 17.12 4.738
1971  3.496 3.295 2.604 1.621 1.235 0.3414
1972  4.789 4.511 3.556 2.722 2.248 0.6354
1973  8.324 7.87  6.581 5.508 4.456 1.265
```

```
1974  23.58 22.27 18.07 11.52 8.632 2.351
1975  10.58 10.04 8.139 5.288 4.017 1.124
1976  24.25 22.93 18.69 12.14 9.132 2.705
1977  3.494 3.305 2.647 1.699 1.327 0.3731
1978  19.75 18.62 14.5  10.27 8.097 2.256
1979  16.08 15.16 12.75 8.487 6.482 1.762
1980  17.55 16.43 13.49 9.012 6.881 1.872
1981  19.6  18.46 14.89 10.01 7.648 2.153
1982  3.46  3.256 2.557 1.635 1.346 0.3903
1983  52.11 49.2  42.48 27.17 20.26 5.566
1984  5.152 4.877 3.916 3.015 2.564 0.7299
1985  4.42  4.232 3.553 2.995 2.551 0.7446
1986  21.59 20.07 15.42 11.21 8.498 2.512
1987  3.691 3.473 2.804 2.436 2.25  0.6789
1988  4.049 3.82  3.453 2.568 2.125 0.6138
1989  7.79  7.445 6.203 4.658 3.885 1.099
1990  35.59 33.98 27.83 18.36 13.94 3.897

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 74    71.1  61.99 40.1  30.04 8.21
0.0645161290322581      52.11 49.2  42.48 27.17 20.26 5.566
0.0967741935483871      45.15 42.52 34.28 22.65 17.12 4.738
0.129032258064516 35.59 33.98 27.83 18.36 13.94 3.897
0.161290322580645 24.25 22.93 18.69 12.16 9.132 2.705
0.193548387096774 23.58 22.27 18.19 12.14 9.1   2.636
0.225806451612903 21.61 20.3  18.07 11.52 8.632 2.512
0.258064516129032 21.59 20.07 15.42 11.21 8.498 2.351
0.290322580645161 19.75 18.62 14.89 10.27 8.097 2.271
0.32258064516129  19.6  18.46 14.5  10.01 7.648 2.256
0.354838709677419 17.66 16.86 13.56 9.424 7.612 2.153
0.387096774193548 17.55 16.43 13.49 9.012 6.881 1.966
0.419354838709677 16.16 15.43 12.75 8.73  6.767 1.872
0.451612903225806 16.08 15.16 12.67 8.487 6.482 1.762
0.483870967741936 14.98 14.2  12.41 7.852 6.116 1.761
0.516129032258065 10.58 10.04 8.139 5.508 4.456 1.265
0.548387096774194 8.324 7.87  6.581 5.288 4.017 1.124
0.580645161290323 7.79  7.445 6.203 4.658 3.885 1.099
0.612903225806452 5.152 4.877 3.916 3.015 2.564 0.7446
0.645161290322581 4.789 4.511 3.556 2.995 2.551 0.7299
0.67741935483871  4.42  4.232 3.553 2.722 2.25  0.6789
0.709677419354839 4.313 4.096 3.453 2.658 2.248 0.6354
0.741935483870968 4.049 3.82  3.251 2.568 2.126 0.6209
0.774193548387097 3.695 3.473 2.852 2.477 2.125 0.6138
0.806451612903226 3.691 3.463 2.804 2.436 2.111 0.5947
0.838709677419355 3.496 3.305 2.786 2.052 1.783 0.5784
0.870967741935484 3.494 3.296 2.68  1.699 1.571 0.4315
0.903225806451613 3.484 3.295 2.647 1.635 1.346 0.3903
0.935483870967742 3.469 3.292 2.604 1.621 1.327 0.3731
0.967741935483871 3.46  3.256 2.557 1.592 1.235 0.3414

0.1   44.194      41.666      33.635      22.221      16.802
      4.6539
                              Average of yearly averages:
      1.89589666666667

Inputs generated by pe5.pl - Novemeber 2006
```

```
Data used for this run:
Output File: alfpreplt
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.85  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  5-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as alm20830.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt  modified Wedday, 13 June 2007
at 12:17:16
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
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  9.978 9.187 7.582 4.777 3.806 1.21
1962  9.339 8.726 7.457 5.969 5.158 1.758
1963  9.774 9.258 8.072 5.945 5.662 2.15
1964  9.928 9.336 7.263 4.772 5.173 1.752
1965  10.18 9.389 8.046 5.317 4.676 1.505
1966  13.47 12.59 10.3  6.545 6.052 2.063
1967  8.949 8.332 7.296 5.057 4.032 1.413
1968  8.612 7.925 6.362 4.238 4.358 1.345
1969  10.75 9.967 8.471 5.63  4.485 1.35
1970  9.511 8.85  7.617 5.099 4.513 1.389
1971  9.495 8.771 7.47  4.924 3.863 1.142
1972  10.25 9.498 8.187 5.307 4.546 1.363
1973  9.903 9.14  7.849 5.991 5.688 1.716
```

```
1974  9.634 8.993 7.874 5.409 4.409 1.387
1975  10.04 9.379 8.055 5.434 4.362 1.275
1976  10.68 9.988 8.154 5.69  4.625 1.376
1977  9.759 9.003 7.887 5.236 4.74  1.751
1978  8.314 7.749 6.86  4.98  4.518 1.674
1979  11.59 10.79 8.617 6.246 6.408 2.103
1980  9.45  8.724 7.093 4.73  3.766 1.379
1981  16.45 15.49 13.55 9.78  7.944 2.729
1982  14.64 13.95 12.26 8.416 7.388 2.659
1983  12.78 11.99 10.03 6.192 5.88  2.227
1984  9.309 8.696 7.528 5.109 4.021 1.42
1985  8.297 7.695 5.723 3.753 3.318 1.243
1986  8.588 7.854 6.393 4.175 3.307 1.174
1987  9.72  9.192 7.955 6.511 6.219 1.894
1988  10.22 9.567 7.963 5.248 4.288 1.466
1989  11.26 10.67 8.832 7.049 6.894 2.35
1990  8.422 7.832 6.503 4.405 3.505 1.483

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 16.45 15.49 13.55 9.78  7.944 2.729
0.0645161290322581      14.64 13.95 12.26 8.416 7.388 2.659
0.0967741935483871      13.47 12.59 10.3  7.049 6.894 2.35
0.129032258064516 12.78 11.99 10.03 6.545 6.408 2.227
0.161290322580645 11.59 10.79 8.832 6.511 6.219 2.15
0.193548387096774 11.26 10.67 8.617 6.246 6.052 2.103
0.225806451612903 10.75 9.988 8.471 6.192 5.88  2.063
0.258064516129032 10.68 9.967 8.187 5.991 5.688 1.894
0.290322580645161 10.25 9.567 8.154 5.969 5.662 1.758
0.32258064516129  10.22 9.498 8.072 5.945 5.173 1.752
0.354838709677419 10.18 9.389 8.055 5.69  5.158 1.751
0.387096774193548 10.04 9.379 8.046 5.63  4.74  1.716
0.419354838709677 9.978 9.336 7.963 5.434 4.676 1.674
0.451612903225806 9.928 9.258 7.955 5.409 4.625 1.505
0.483870967741936 9.903 9.192 7.887 5.317 4.546 1.483
0.516129032258065 9.774 9.187 7.874 5.307 4.518 1.466
0.548387096774194 9.759 9.14  7.849 5.248 4.513 1.42
0.580645161290323 9.72  9.003 7.617 5.236 4.485 1.413
0.612903225806452 9.634 8.993 7.582 5.109 4.409 1.389
0.645161290322581 9.511 8.85  7.528 5.099 4.362 1.387
0.67741935483871  9.495 8.771 7.47  5.057 4.358 1.379
0.709677419354839 9.45  8.726 7.457 4.98  4.288 1.376
0.741935483870968 9.339 8.724 7.296 4.924 4.032 1.363
0.774193548387097 9.309 8.696 7.263 4.777 4.021 1.35
0.806451612903226 8.949 8.332 7.093 4.772 3.863 1.345
0.838709677419355 8.612 7.925 6.86  4.73  3.806 1.275
0.870967741935484 8.588 7.854 6.503 4.405 3.766 1.243
0.903225806451613 8.422 7.832 6.393 4.238 3.505 1.21
0.935483870967742 8.314 7.749 6.362 4.175 3.318 1.174
0.967741935483871 8.297 7.695 5.723 3.753 3.307 1.142

0.1   13.401      12.53 10.273      6.9986      6.8454      2.3377
                              Average of yearly averages:   1.6582

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
```

Output File: alm20830
Metfile: w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC
Description Variable Name Value Units Comments
Molecular weight mwt 189.32 g/mol
Henry's Law Const. henry 1.5e-05 atm-m^3/mol
Vapor Pressure vapr 1.6e-02 torr
Solubility sol 344 mg/L
Kd Kd mg/L
Koc Koc 172 mg/L
Photolysis half-life kdp 0 days Half-life
Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 3.43 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 30-08 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1 interval 45 days Set to 0 or delete line for single app.
app. rate 1 apprate 3.43 kg/ha
Record 17: FILTRA
  IPSCND
  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)
stored as almmulti.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt modified Wedday, 13 June 2007 at 11:17:16
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
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	12.63	11.56	9.889	6.988	5.526	1.508
1962	14.5	13.51	11.68	8.376	6.928	2.073
1963	12.97	12.21	10.69	8.092	7.006	2.276
1964	10.57	9.663	8.271	6.218	4.999	1.508
1965	11.31	10.46	9.217	6.816	5.536	1.62
1966	11.97	10.99	9.567	6.74	5.405	1.562
1967	13.26	12.45	11.08	8.151	6.779	1.989
1968	11.55	10.59	9.001	6.742	5.451	1.605
1969	12.92	12.02	10.5	7.503	6.07	1.753
1970	13.34	12.31	10.17	7.013	5.855	1.699
1971	14.51	13.33	11.27	7.654	6.253	1.801
1972	10.81	9.932	8.781	6.596	5.51	1.593

1973 12.47 11.43 9.666 7.093 5.753 1.66
1974 11.34 10.43 8.983 6.997 5.781 1.71
1975 12.35 11.36 10   7.587 6.277 1.826
1976 9.293 8.452 7.038 5.635 4.666 1.445
1977 11.94 10.91 9.517 7.163 5.723 1.68
1978 13.71 12.63 10.76 7.71 6.323 1.888
1979 12.67 11.62 9.717 7.756 6.349 1.865
1980 10.67 9.739 8.329 6.264 5.158 1.523
1981 11.46 10.57 9.242 7.359 5.956 1.725
1982 13.38 12.4 10.92 7.823 6.508 1.935
1983 11.44 10.44 8.571 6.463 5.292 1.569
1984 13.05 12.06 10.6 8.231 6.759 1.934
1985 10.92 10.04 8.853 6.728 5.586 1.68
1986 12.59 11.54 9.703 7.267 5.77 1.681
1987 11.91 11.08 9.889 7.201 6.33 2.017
1988 12.27 11.24 9.523 6.969 5.599 1.673
1989 10.68 9.821 8.701 6.387 5.467 1.699
1990 12.61 11.58 10.1 7.92 6.461 1.924

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	14.51	13.51	11.68	8.376	7.006	2.276
0.0645161290322581		14.5	13.33	11.27	8.231	6.928 2.073
0.0967741935483871		13.71	12.63	11.08	8.151	6.779 2.017
0.129032258064516	13.38	12.45	10.92	8.092	6.759	1.989
0.161290322580645	13.34	12.4	10.76	7.92	6.508	1.935
0.193548387096774	13.26	12.31	10.69	7.823	6.461	1.934
0.225806451612903	13.05	12.21	10.6	7.756	6.349	1.924
0.258064516129032	12.97	12.06	10.5	7.71	6.33	1.888
0.290322580645161	12.92	12.02	10.17	7.654	6.323	1.865
0.32258064516129	12.67	11.62	10.1	7.587	6.277	1.826
0.354838709677419	12.63	11.58	10	7.503	6.253	1.801
0.387096774193548	12.61	11.56	9.889	7.359	6.07	1.753
0.419354838709677	12.59	11.54	9.889	7.267	5.956	1.725
0.451612903225806	12.47	11.43	9.717	7.201	5.855	1.71
0.483870967741936	12.35	11.36	9.703	7.163	5.781	1.699
0.516129032258065	12.27	11.24	9.666	7.093	5.77	1.699
0.548387096774194	11.97	11.08	9.567	7.013	5.753	1.681
0.580645161290323	11.94	10.99	9.523	6.997	5.723	1.68
0.612903225806452	11.91	10.91	9.517	6.988	5.599	1.68
0.645161290322581	11.55	10.59	9.242	6.969	5.586	1.673
0.67741935483871	11.46	10.57	9.217	6.816	5.536	1.66
0.709677419354839	11.44	10.46	9.001	6.742	5.526	1.62
0.741935483870968	11.34	10.44	8.983	6.74	5.51	1.605
0.774193548387097	11.31	10.43	8.853	6.728	5.467	1.593
0.806451612903226	10.92	10.04	8.781	6.596	5.451	1.569
0.838709677419355	10.81	9.932	8.701	6.463	5.405	1.562
0.870967741935484	10.68	9.821	8.571	6.387	5.292	1.523
0.903225806451613	10.67	9.739	8.329	6.264	5.158	1.508
0.935483870967742	10.57	9.663	8.271	6.218	4.999	1.508
0.967741935483871	9.293	8.452	7.038	5.635	4.666	1.445

0.1	13.677	12.612	11.064	8.1451	6.777	2.0142

Average of yearly averages:
1.74736666666667

Inputs generated by pe5.pl - Novemeber 2006

```
Data used for this run:
Output File: almmulti
Metfile:    w23232.dvf
PRZM scenario:    CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-07 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as almsing.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt  modified Wedday, 13 June 2007
at 11:17:16
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
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  7.748 7.108 5.881 3.411 2.473 0.6475
1962  8.471 7.866 6.825 4.285 3.206 0.8966
1963  8.09  7.505 6.732 4.47  3.456 1.029
1964  7.669 6.971 5.897 3.35  2.406 0.6736
1965  7.732 7.09  6.028 3.625 2.652 0.7254
1966  7.061 6.67  5.552 3.275 2.389 0.6515
1967  8.721 8.091 6.927 4.469 3.344 0.9213
1968  7.701 7.051 6.062 3.536 2.57  0.7069
1969  7.566 7.139 6.093 3.778 2.803 0.7662
1970  7.202 6.771 5.692 3.384 2.476 0.6755
```

1971	7.635	7.156	6.126	3.589	2.601	0.7032
1972	8.257	7.497	6.259	3.604	2.612	0.7028
1973	8.368	7.676	6.489	3.746	2.707	0.7318
1974	8.358	7.693	6.598	3.896	2.876	0.7911
1975	8.596	7.993	7.008	4.094	3.004	0.8194
1976	9.282	8.442	7.028	4.17	3.083	0.8669
1977	8.53	8.003	6.687	3.83	2.773	0.7693
1978	8.027	7.415	6.397	3.832	2.835	0.7891
1979	10.19	9.376	7.797	4.474	3.267	0.8935
1980	7.633	7	5.927	3.377	2.432	0.6655
1981	8.906	8.191	7.286	4.321	3.152	0.8547
1982	8.252	7.607	6.492	3.963	2.936	0.8166
1983	8.096	7.417	6.159	3.512	2.527	0.692
1984	9.364	8.7	7.848	4.751	3.498	0.9442
1985	7.758	7.134	6.229	3.711	2.718	0.7583
1986	9.112	8.242	6.92	3.922	2.813	0.7665
1987	7.494	6.85	5.92	3.693	2.804	0.81
1988	8.227	7.557	6.22	3.586	2.611	0.7228
1989	7.185	6.604	5.695	3.364	2.47	0.6951
1990	10.58	9.682	7.883	4.517	3.283	0.9021

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	10.58	9.682	7.883	4.751	3.498	1.029
0.0645161290322581		10.19	9.376	7.848	4.517	3.456 0.9442
0.0967741935483871		9.364	8.7	7.797	4.474	3.344 0.9213
0.129032258064516	9.282	8.442	7.286	4.47	3.283	0.9021
0.161290322580645	9.112	8.242	7.028	4.469	3.267	0.8966
0.193548387096774	8.906	8.191	7.008	4.321	3.206	0.8935
0.225806451612903	8.721	8.091	6.927	4.285	3.152	0.8669
0.258064516129032	8.596	8.003	6.92	4.17	3.083	0.8547
0.290322580645161	8.53	7.993	6.825	4.094	3.004	0.8194
0.32258064516129	8.471	7.866	6.732	3.963	2.936	0.8166
0.354838709677419	8.368	7.693	6.687	3.922	2.876	0.81
0.387096774193548	8.358	7.676	6.598	3.896	2.835	0.7911
0.419354838709677	8.257	7.607	6.492	3.832	2.813	0.7891
0.451612903225806	8.252	7.557	6.489	3.83	2.804	0.7693
0.483870967741936	8.227	7.505	6.397	3.778	2.803	0.7665
0.516129032258065	8.096	7.497	6.259	3.746	2.773	0.7662
0.548387096774194	8.09	7.417	6.229	3.711	2.718	0.7583
0.580645161290323	8.027	7.415	6.22	3.693	2.707	0.7318
0.612903225806452	7.758	7.156	6.159	3.625	2.652	0.7254
0.645161290322581	7.748	7.139	6.126	3.604	2.612	0.7228
0.67741935483871	7.732	7.134	6.093	3.589	2.611	0.7069
0.709677419354839	7.701	7.108	6.062	3.586	2.601	0.7032
0.741935483870968	7.669	7.09	6.028	3.536	2.57	0.7028
0.774193548387097	7.635	7.051	5.927	3.512	2.527	0.6951
0.806451612903226	7.633	7	5.92	3.411	2.476	0.692
0.838709677419355	7.566	6.971	5.897	3.384	2.473	0.6755
0.870967741935484	7.494	6.85	5.881	3.377	2.47	0.6736
0.903225806451613	7.202	6.771	5.695	3.364	2.432	0.6655
0.935483870967742	7.185	6.67	5.692	3.35	2.406	0.6515
0.967741935483871	7.061	6.604	5.552	3.275	2.389	0.6475

0.1	9.3558	8.6742	7.7459	4.4736	3.3379
	0.91938				

Average of yearly averages:
0.779613333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: almsing
Metfile: w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	189.32	g/mol	
Henry's Law Const.	henry	1.5e-05	atm-m^3/mol	
Vapor Pressure	vapr	1.6e-02	torr	
Solubility	sol	344	mg/L	
Kd	Kd		mg/L	
Koc	Koc	172	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	0	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	37.08	days	Halfife
Hydrolysis: pH 7		0	days	Half-life
Method:	CAM	1	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	3.43	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	15-07	dd/mm or dd/mmm or dd-mm or dd-mmm	

Record 17: FILTRA
IPSCND
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)
stored as bencast.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt modified Friday, 21 March 2008 at 09:41:59
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
Metfile: w23234.dvf modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.198	4.014	3.03	1.736	1.35	0.3588
1962	2.278	2.137	1.639	1.3	1.028	0.2728
1963	7.124	6.581	4.911	2.714	2.029	0.5446
1964	9.937	9.249	6.737	3.647	2.662	0.6894
1965	4.106	3.932	3.173	1.954	1.425	0.3719
1966	2.937	2.8	2.181	1.643	1.288	0.3477
1967	21.28	19.9	15.15	8.75	6.186	1.626
1968	3.812	3.549	2.781	2.108	1.641	0.433
1969	6.571	6.149	4.345	2.44	1.787	0.4616

1970 7.214 6.633 4.703 2.578 1.894 0.4879
1971 1.106 1.027 0.8518   0.5158   0.3892   0.1034
1972 1.103 1.033 0.7986   0.4972   0.3694   0.097
1973 6.626 6.412 5.53 3.424 2.52 0.6599
1974 7.979 7.38 5.451 3.115 2.256 0.5863
1975 3.481 3.185 2.179 1.243 0.9593   0.2531
1976 1.105 1.048 0.8483   0.5483   0.5216   0.143
1977 13.71 12.89 10.08 6.145 4.456 1.154
1978 8.205 7.629 6.147 3.566 2.585 0.6717
1979 8.729 8.106 6.521 3.837 2.799 0.728
1980 5.597 5.226 4.118 2.462 1.827 0.4773
1981 4.904 4.696 3.832 2.355 1.812 0.4851
1982 35.67 33.04 24.42 14.07 10.17 2.655
1983 4.776 4.596 3.695 2.23 1.728 0.462
1984 1.106 1.033 0.7898   0.4684   0.342 0.08827
1985 1.869 1.718 1.242 0.8605   0.704 0.1877
1986 4.372 4.102 3.186 1.923 1.377 0.3562
1987 6.992 6.477 4.794 2.801 2.04 0.5308
1988 2.343 2.182 1.933 1.317 0.9642   0.2499
1989 1.104 1.029 0.7795   0.463 0.3369   0.08794
1990 2.099 1.953 1.493 0.9836   0.731 0.1919

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 35.67 33.04 24.42 14.07 10.17 2.655
0.0645161290322581   21.28 19.9 15.15 8.75 6.186 1.626
0.0967741935483871   13.71 12.89 10.08 6.145 4.456 1.154
0.129032258064516 9.937 9.249 6.737 3.837 2.799 0.728
0.161290322580645 8.729 8.106 6.521 3.647 2.662 0.6894
0.193548387096774 8.205 7.629 6.147 3.566 2.585 0.6717
0.225806451612903 7.979 7.38 5.53 3.424 2.52 0.6599
0.258064516129032 7.214 6.633 5.451 3.115 2.256 0.5863
0.290322580645161 7.124 6.581 4.911 2.801 2.04 0.5446
0.32258064516129 6.992 6.477 4.794 2.714 2.029 0.5308
0.354838709677419 6.626 6.412 4.703 2.578 1.894 0.4879
0.387096774193548 6.571 6.149 4.345 2.462 1.827 0.4851
0.419354838709677 5.597 5.226 4.118 2.44 1.812 0.4773
0.451612903225806 4.904 4.696 3.832 2.355 1.787 0.462
0.483870967741936 4.776 4.596 3.695 2.23 1.728 0.4616
0.516129032258065 4.372 4.102 3.186 2.108 1.641 0.433
0.548387096774194 4.198 4.014 3.173 1.954 1.425 0.3719
0.580645161290323 4.106 3.932 3.03 1.923 1.377 0.3588
0.612903225806452 3.812 3.549 2.781 1.736 1.35 0.3562
0.645161290322581 3.481 3.185 2.181 1.643 1.288 0.3477
0.67741935483871 2.937 2.8   2.179 1.317 1.028 0.2728
0.709677419354839 2.343 2.182 1.933 1.3   0.9642   0.2531
0.741935483870968 2.278 2.137 1.639 1.243 0.9593   0.2499
0.774193548387097 2.099 1.953 1.493 0.9836   0.731 0.1919
0.806451612903226 1.869 1.718 1.242 0.8605   0.704 0.1877
0.838709677419355 1.106 1.048 0.8518   0.5483   0.5216   0.143
0.870967741935484 1.106 1.033 0.8483   0.5158   0.3892
      0.1034
0.903225806451613 1.105 1.033 0.7986   0.4972   0.3694   0.097
0.935483870967742 1.104 1.029 0.7898   0.4684   0.342 0.08827
0.967741935483871 1.103 1.027 0.7795   0.463 0.3369   0.08794

```
0.1   13.3327     12.5259     9.7457      5.9142      4.2903
      1.1114
                                Average of yearly averages:   0.525407

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: bencast
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  2.205 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as carrot011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  13.06 12.49 9.426 5.4   4.201 1.116
1962  7.085 6.649 5.1   4.044 3.197 0.8487
1963  22.16 20.47 15.28 8.442 6.313 1.694
1964  30.91 28.77 20.96 11.34 8.28  2.144
1965  12.77 12.23 9.871 6.08  4.434 1.157
1966  9.136 8.711 6.785 5.111 4.009 1.082
1967  66.21 61.9  47.13 27.22 19.24 5.059
1968  11.86 11.04 8.651 6.558 5.105 1.347
```

1969	20.44	19.13	13.52	7.59	5.561	1.436
1970	22.45	20.64	14.63	8.023	5.894	1.518
1971	3.44	3.196	2.65	1.604	1.211	0.3216
1972	3.431	3.215	2.485	1.547	1.149	0.3018
1973	20.61	19.95	17.21	10.65	7.84	2.053
1974	24.82	22.96	16.96	9.689	7.016	1.824
1975	10.83	9.905	6.777	3.867	2.984	0.7874
1976	3.437	3.26	2.639	1.706	1.623	0.445
1977	42.66	40.1	31.36	19.12	13.86	3.589
1978	25.52	23.73	19.12	11.09	8.04	2.089
1979	27.16	25.22	20.29	11.94	8.71	2.265
1980	17.41	16.26	12.81	7.661	5.685	1.485
1981	15.26	14.61	11.92	7.328	5.636	1.509
1982	111	103	75.98	43.77	31.63	8.26
1983	14.86	14.3	11.49	6.938	5.376	1.437
1984	3.44	3.214	2.457	1.457	1.064	0.2746
1985	5.814	5.344	3.865	2.677	2.19	0.5838
1986	13.6	12.76	9.912	5.983	4.285	1.108
1987	21.75	20.15	14.91	8.712	6.347	1.651
1988	7.289	6.788	6.014	4.096	3	0.7773
1989	3.435	3.201	2.425	1.441	1.048	0.2736
1990	6.532	6.078	4.644	3.06	2.274	0.5969

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	111	103	75.98	43.77	31.63	8.26
0.0645161290322581		66.21	61.9	47.13	27.22	19.24 5.059
0.0967741935483871		42.66	40.1	31.36	19.12	13.86 3.589
0.129032258064516	30.91	28.77	20.96	11.94	8.71	2.265
0.161290322580645	27.16	25.22	20.29	11.34	8.28	2.144
0.193548387096774	25.52	23.73	19.12	11.09	8.04	2.089
0.225806451612903	24.82	22.96	17.21	10.65	7.84	2.053
0.258064516129032	22.45	20.64	16.96	9.689	7.016	1.824
0.290322580645161	22.16	20.47	15.28	8.712	6.347	1.694
0.32258064516129	21.75	20.15	14.91	8.442	6.313	1.651
0.354838709677419	20.61	19.95	14.63	8.023	5.894	1.518
0.387096774193548	20.44	19.13	13.52	7.661	5.685	1.509
0.419354838709677	17.41	16.26	12.81	7.59	5.636	1.485
0.451612903225806	15.26	14.61	11.92	7.328	5.561	1.437
0.483870967741936	14.86	14.3	11.49	6.938	5.376	1.436
0.516129032258065	13.6	12.76	9.912	6.558	5.105	1.347
0.548387096774194	13.06	12.49	9.871	6.08	4.434	1.157
0.580645161290323	12.77	12.23	9.426	5.983	4.285	1.116
0.612903225806452	11.86	11.04	8.651	5.4	4.201	1.108
0.645161290322581	10.83	9.905	6.785	5.111	4.009	1.082
0.67741935483871	9.136	8.711	6.777	4.096	3.197	0.8487
0.709677419354839	7.289	6.788	6.014	4.044	3	0.7874
0.741935483870968	7.085	6.649	5.1	3.867	2.984	0.7773
0.774193548387097	6.532	6.078	4.644	3.06	2.274	0.5969
0.806451612903226	5.814	5.344	3.865	2.677	2.19	0.5838
0.838709677419355	3.44	3.26	2.65	1.706	1.623	0.445
0.870967741935484	3.44	3.215	2.639	1.604	1.211	0.3216
0.903225806451613	3.437	3.214	2.485	1.547	1.149	0.3018
0.935483870967742	3.435	3.201	2.457	1.457	1.064	0.2746
0.967741935483871	3.431	3.196	2.425	1.441	1.048	0.2736

0.1	41.485	38.967	30.32	18.402	13.345	3.4566

Average of yearly averages:
1.63445666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: carrot011
Metfile: w23234.dvf
PRZM scenario: CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	189.32	g/mol	
Henry's Law Const.	henry	1.5e-05	atm-m^3/mol	
Vapor Pressure	vapr	1.6e-02	torr	
Solubility	sol	344	mg/L	
Kd	Kd		mg/L	
Koc	Koc	172	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	0	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife
Aerobic Soil Metabolism	asm	37.08	days	Halfife
Hydrolysis: pH 7		0	days	Half-life
Method:	CAM	1	integer	See PRZM manual
Incorporation Depth:	DEPI	4	cm	
Application Rate:	TAPP	6.86	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	1-1	dd/mm or dd/mmm or dd-mm or dd-mmm	

Record 17: FILTRA
IPSCND
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)
stored as carrot041.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt modified Friday, 21 March 2008 at 09:41:59
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
Metfile: w23234.dvf modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	15.32	13.89	10.18	5.78	4.024	1.029
1962	16.35	14.59	9.454	4.631	3.189	0.9598
1963	22.94	20.56	13.86	7.167	5.04	1.313
1964	3.436	3	1.811	0.823	0.6014	0.1754
1965	9.188	8.278	5.6	3.063	2.127	0.5492
1966	16.9	15.43	10.83	5.836	4.102	1.073
1967	52.44	47.26	32.23	15.87	10.97	2.795
1968	11.88	10.54	6.702	3.187	2.189	0.5721
1969	22.34	19.59	13.63	6.454	4.407	1.132

1970 17.83 15.31 8.77 4.027 2.761 0.711
1971 14.1 12.63 8.304 4.301 2.999 0.7725
1972 3.434 3.081 2.035 1.014 0.706 0.2553
1973 23.72 21.39 15.97 8.441 5.879 1.523
1974 57.06 51.67 35.26 17.62 12.12 3.095
1975 28.24 25.45 17.6 9.034 6.272 1.625
1976 3.44 3.074 2.353 1.17 0.8062 0.2157
1977 15.84 14.11 9.102 4.432 3.046 0.7909
1978 14.19 12.81 9.28 5.536 3.851 0.9871
1979 3.435 3.045 1.933 0.9277 0.6392 0.2021
1980 19.99 18.13 13.85 7.004 4.809 1.234
1981 15.6 14.03 9.346 4.698 3.245 0.8648
1982 21.6 19.6 14.9 8.524 5.971 1.538
1983 14.07 12.64 8.751 5.076 3.55 0.9156
1984 17.73 15.56 9.55 4.399 2.999 0.7796
1985 15.65 13.97 9.066 4.539 3.143 0.8179
1986 17.31 15.48 10.11 5.026 3.474 0.8965
1987 16.62 14.9 9.841 5.028 3.501 0.9057
1988 21.86 20.25 16.67 10.14 7.095 1.819
1989 14.82 13.54 9.515 4.99 3.459 0.9078
1990 17.35 15.62 10.44 5.543 4.197 1.099

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	57.06	51.67	35.26	17.62	12.12	3.095
0.0645161290322581		52.44	47.26	32.23	15.87	10.97 2.795
0.0967741935483871		28.24	25.45	17.6	10.14	7.095 1.819
0.129032258064516	23.72	21.39	16.67	9.034	6.272	1.625
0.161290322580645	22.94	20.56	15.97	8.524	5.971	1.538
0.193548387096774	22.34	20.25	14.9	8.441	5.879	1.523
0.225806451612903	21.86	19.6	13.86	7.167	5.04	1.313
0.258064516129032	21.6	19.59	13.85	7.004	4.809	1.234
0.290322580645161	19.99	18.13	13.63	6.454	4.407	1.132
0.32258064516129	17.83	15.62	10.83	5.836	4.197	1.099
0.354838709677419	17.73	15.56	10.44	5.78	4.102	1.073
0.387096774193548	17.35	15.48	10.18	5.543	4.024	1.029
0.419354838709677	17.31	15.43	10.11	5.536	3.851	0.9871
0.451612903225806	16.9	15.31	9.841	5.076	3.55	0.9598
0.483870967741936	16.62	14.9	9.55	5.028	3.501	0.9156
0.516129032258065	16.35	14.59	9.515	5.026	3.474	0.9078
0.548387096774194	15.84	14.11	9.454	4.99	3.459	0.9057
0.580645161290323	15.65	14.03	9.346	4.698	3.245	0.8965
0.612903225806452	15.6	13.97	9.28	4.631	3.189	0.8648
0.645161290322581	15.32	13.89	9.102	4.539	3.143	0.8179
0.67741935483871	14.82	13.54	9.066	4.432	3.046	0.7909
0.709677419354839	14.19	12.81	8.77	4.399	2.999	0.7796
0.741935483870968	14.1	12.64	8.751	4.301	2.999	0.7725
0.774193548387097	14.07	12.63	8.304	4.027	2.761	0.711
0.806451612903226	11.88	10.54	6.702	3.187	2.189	0.5721
0.838709677419355	9.188	8.278	5.6	3.063	2.127	0.5492
0.870967741935484	3.44	3.081	2.353	1.17	0.8062	0.2553
0.903225806451613	3.436	3.074	2.035	1.014	0.706	0.2157
0.935483870967742	3.435	3.045	1.933	0.9277	0.6392	0.2021
0.967741935483871	3.434	3	1.811	0.823	0.6014	0.1754

0.1	27.788	25.044	17.507	10.0294	7.0127	1.7996

```
                                Average of yearly averages:   1.0518

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: carrot041
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as carrot061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 2.974 1.759 0.7836      0.5334      0.1995
1962  13.28 11.98 8.521 4.639 3.341 1.012
1963  3.456 3.085 2.004 0.9831      0.6823      0.2977
1964  3.431 2.981 2.26  1.064 0.7289      0.251
1965  3.431 3.055 1.966 0.9467      0.6527      0.255
1966  3.436 3.031 1.893 0.8978      0.6212      0.2937
1967  10.7  9.417 5.856 2.74  1.871 0.5234
1968  3.431 3.008 1.838 0.8418      0.576 0.195
1969  3.43  2.948 1.815 1.021 0.7295      0.3143
1970  3.433 2.997 1.809 0.8314      0.5708      0.1884
```

1971 3.431 3.048 1.948 0.933 0.6433   0.1822
1972 5.565 5.277 4.109 2.431 1.783 0.6278
1973 3.444 3.071 1.987 0.9717   0.6743   0.2967
1974 3.432 3.014 1.854 0.855 0.5858   0.1678
1975 3.43 3.042 1.933 0.9321   0.6476   0.2338
1976 3.431 3.031 1.902 0.8956   0.6168   0.1794
1977 3.432 3.026 1.886 0.8848   0.6077   0.2463
1978 3.433 2.987 1.784 0.8067   0.5518   0.1742
1979 3.43 2.992 1.799 0.982 0.7033   0.3247
1980 3.435 3.01 1.838 0.8506   0.5858   0.2192
1981 3.433 3.048 1.945 0.9467   0.6585   0.339
1982 3.436 3.04 1.916 0.9021   0.6188   0.2933
1983 3.434 2.997 1.807 0.8274   0.5684   0.2225
1984 3.431 2.997 1.811 0.8339   0.5728   0.2785
1985 3.433 3.048 1.943 0.9299   0.6426   0.2297
1986 3.432 3.042 1.93 0.9261   0.6414   0.1857
1987 3.43 3.054 1.965 0.9344   0.642 0.2004
1988 3.695 3.253 2.448 1.179 0.8121   0.2317
1989 3.431 3.024 1.883 0.8671   0.5925   0.3054
1990 3.434 3.02 1.865 0.8745   0.6037   0.1858

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 13.28 11.98 8.521 4.639 3.341 1.012
0.0645161290322581   10.7 9.417 5.856 2.74 1.871 0.6278
0.0967741935483871   5.565 5.277 4.109 2.431 1.783 0.5234
0.129032258064516 3.695 3.253 2.448 1.179 0.8121   0.339
0.161290322580645 3.456 3.085 2.26 1.064 0.7295   0.3247
0.193548387096774 3.444 3.071 2.004 1.021 0.7289   0.3143
0.225806451612903 3.436 3.055 1.987 0.9831   0.7033   0.3054
0.258064516129032 3.436 3.054 1.966 0.982 0.6823   0.2977
0.290322580645161 3.435 3.048 1.965 0.9717   0.6743   0.2967
0.32258064516129 3.434 3.048 1.948 0.9467   0.6585   0.2937
0.354838709677419 3.434 3.048 1.945 0.9467   0.6527   0.2933
0.387096774193548 3.433 3.042 1.943 0.9344   0.6476   0.2785
0.419354838709677 3.433 3.042 1.933 0.933 0.6433   0.255
0.451612903225806 3.433 3.04 1.93 0.9321   0.6426   0.251
0.483870967741936 3.433 3.031 1.916 0.9299   0.642 0.2463
0.516129032258065 3.432 3.031 1.902 0.9261   0.6414   0.2338
0.548387096774194 3.432 3.026 1.893 0.9021   0.6212   0.2317
0.580645161290323 3.432 3.024 1.886 0.8978   0.6188   0.2297
0.612903225806452 3.431 3.02 1.883 0.8956   0.6168   0.2225
0.645161290322581 3.431 3.014 1.865 0.8848   0.6077   0.2192
0.67741935483871 3.431 3.01 1.854 0.8745   0.6037   0.2004
0.709677419354839 3.431 3.008 1.838 0.8671   0.5925   0.1995
0.741935483870968 3.431 2.997 1.838 0.855 0.5858   0.195
0.774193548387097 3.431 2.997 1.815 0.8506   0.5858   0.1884
0.806451612903226 3.431 2.997 1.811 0.8418   0.576 0.1858
0.838709677419355 3.43 2.992 1.809 0.8339   0.5728   0.1857
0.870967741935484 3.43 2.987 1.807 0.8314   0.5708   0.1822
0.903225806451613 3.43 2.981 1.799 0.8274   0.5684   0.1794
0.935483870967742 3.43 2.974 1.784 0.8067   0.5518   0.1742
0.967741935483871 3.429 2.948 1.759 0.7836   0.5334   0.1678

0.1   5.378 5.0746   3.9429   2.3058   1.68591   0.50496
                              Average of yearly averages: 0.28847

```
Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: carrot061
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-6   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as carrot081.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.006 2.204 1.311 0.8983      0.3651
1962  41.56 37.49 26.67 14.52 10.45 2.841
1963  3.464 3.083 1.984 1.205 0.9218      0.5685
1964  3.431 3.038 2.349 1.54  1.07  0.4491
1965  3.433 3.059 2.548 1.528 1.056 0.4657
1966  4.307 4.078 3.398 2.083 1.423 0.6135
1967  3.436 2.999 1.809 0.8314      0.574 0.3361
1968  3.431 3.054 1.965 0.958 0.6677      0.3327
1969  9.514 8.576 5.779 3.246 2.323 0.7259
1970  3.436 3.019 1.862 0.8814      0.6148      0.3197
1971  3.432 3.07  2.008 0.9977      0.6972      0.2432
1972  17.79 16.86 13.13 7.765 5.699 1.599
```

1973 3.449 3.079 2.155 1.438 1.053 0.5736
1974 3.433 3.058 1.971 0.9663 0.6766 0.2341
1975 3.43 3.108 2.132 1.21 1.248 0.4306
1976 3.432 3.089 2.065 1.053 0.7435 0.2619
1977 4.15 3.811 2.749 1.45 0.992 0.4946
1978 3.434 3.04 1.918 0.9218 0.6422 0.2865
1979 7.378 6.734 5.072 3.193 2.296 0.7457
1980 3.439 3.09 2.053 1.038 0.73 0.417
1981 5.08 4.692 3.53 2.63 1.841 0.7196
1982 3.811 3.475 2.524 2.069 1.47 0.595
1983 3.435 3.068 1.996 1.017 0.7541 0.4232
1984 3.533 3.211 2.458 2.073 1.599 0.5797
1985 3.435 3.097 2.082 1.064 0.7707 0.4261
1986 3.434 3.091 2.064 1.054 0.7443 0.2706
1987 3.43 3.104 2.114 1.083 0.7821 0.3091
1988 3.431 3.082 2.045 1.026 0.7203 0.2839
1989 4.122 3.734 2.56 1.983 1.756 0.6836
1990 3.436 3.079 2.026 1.014 0.7121 0.2829

Sorted results
Prob. Peak 96 hr 21 Day 60 Day 90 Day Yearly
0.032258064516129 41.56 37.49 26.67 14.52 10.45 2.841
0.0645161290322581 17.79 16.86 13.13 7.765 5.699 1.599
0.0967741935483871 9.514 8.576 5.779 3.246 2.323 0.7457
0.129032258064516 7.378 6.734 5.072 3.193 2.296 0.7259
0.161290322580645 5.08 4.692 3.53 2.63 1.841 0.7196
0.193548387096774 4.307 4.078 3.398 2.083 1.756 0.6836
0.225806451612903 4.15 3.811 2.749 2.073 1.599 0.6135
0.258064516129032 4.122 3.734 2.56 2.069 1.47 0.595
0.290322580645161 3.811 3.475 2.548 1.983 1.423 0.5797
0.32258064516129 3.533 3.211 2.524 1.54 1.248 0.5736
0.354838709677419 3.464 3.108 2.458 1.528 1.07 0.5685
0.387096774193548 3.449 3.104 2.349 1.45 1.056 0.4946
0.419354838709677 3.439 3.097 2.204 1.438 1.053 0.4657
0.451612903225806 3.436 3.091 2.155 1.311 0.992 0.4491
0.483870967741936 3.436 3.09 2.132 1.21 0.9218 0.4306
0.516129032258065 3.436 3.089 2.114 1.205 0.8983 0.4261
0.548387096774194 3.435 3.083 2.082 1.083 0.7821 0.4232
0.580645161290323 3.435 3.082 2.065 1.064 0.7707 0.417
0.612903225806452 3.434 3.079 2.064 1.054 0.7541 0.3651
0.645161290322581 3.434 3.079 2.053 1.053 0.7443 0.3361
0.67741935483871 3.433 3.07 2.045 1.038 0.7435 0.3327
0.709677419354839 3.433 3.068 2.026 1.026 0.73 0.3197
0.741935483870968 3.432 3.059 2.008 1.017 0.7203 0.3091
0.774193548387097 3.432 3.058 1.996 1.014 0.7121 0.2865
0.806451612903226 3.431 3.054 1.984 0.9977 0.6972 0.2839
0.838709677419355 3.431 3.04 1.971 0.9663 0.6766 0.2829
0.870967741935484 3.431 3.038 1.965 0.958 0.6677 0.2706
0.903225806451613 3.43 3.019 1.918 0.9218 0.6422 0.2619
0.935483870967742 3.43 3.006 1.862 0.8814 0.6148 0.2432
0.967741935483871 3.429 2.999 1.809 0.8314 0.574 0.2341

0.1   9.3004 8.3918 5.7083 3.2407 2.3203
      0.74372
                      Average of yearly averages:
      0.562573333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: carrot081
Metfile: w23234.dvf
PRZM scenario: CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC
Description Variable Name Value Units Comments
Molecular weight mwt 189.32 g/mol
Henry's Law Const. henry 1.5e-05 atm-m^3/mol
Vapor Pressure vapr 1.6e-02 torr
Solubility sol 344 mg/L
Kd Kd mg/L
Koc Koc 172 mg/L
Photolysis half-life kdp 0 days Half-life
Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 1-8 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
  IPSCND
  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)
stored as carrot091.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	5.178	4.972	4.02	2.419	1.751	0.5837
1962	74.78	67.46	47.99	26.12	18.83	4.971
1963	4.415	4.158	3.297	2.163	1.654	0.9132
1964	5.772	5.372	4.284	2.798	2.124	0.705
1965	6.928	6.561	5.496	3.319	2.385	0.8237
1966	8.042	7.613	6.349	3.91	2.742	1.024
1967	3.438	3.047	2.13	1.011	0.75	0.5173
1968	3.621	3.334	2.414	1.353	1.184	0.48
1969	17.19	15.49	10.44	5.863	4.232	1.226
1970	3.437	3.103	2.095	1.292	1.056	0.4883
1971	3.433	3.097	2.086	1.068	0.7852	0.3095
1972	32.09	30.42	23.66	14	10.3	2.732

```
1973  5.258 4.802 3.911 2.632 2.092 0.9126
1974  3.435 3.094 2.074 1.076 0.7686      0.3053
1975  6.688 6.114 4.435 2.569 2.247 0.6596
1976  3.433 3.121 2.16  1.152 1.048 0.3822
1977  7.453 6.845 4.937 2.625 1.874 0.8996
1978  3.436 3.087 2.048 1.042 0.8299      0.4081
1979  13.33 12.17 9.163 5.765 4.216 1.245
1980  3.652 3.431 2.677 1.241 0.9633      0.615
1981  9.133 8.435 6.387 4.742 3.388 1.163
1982  6.974 6.358 4.618 3.758 2.742 0.9743
1983  3.987 3.675 3.216 1.853 1.603 0.6437
1984  6.876 6.249 4.704 4.015 3.121 0.9828
1985  4.741 4.378 3.53  1.916 1.462 0.6282
1986  3.436 3.129 2.179 1.165 0.8328      0.355
1987  3.431 3.079 2.035 1.122 1.048 0.3943
1988  3.432 3.09  2.068 1.072 0.8984      0.3716
1989  8.391 7.597 5.196 3.862 3.38  1.09
1990  3.438 3.108 2.11  1.102 0.788 0.3811

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 74.78 67.46 47.99 26.12 18.83 4.971
0.0645161290322581      32.09 30.42 23.66 14    10.3  2.732
0.0967741935483871      17.19 15.49 10.44 5.863 4.232 1.245
0.129032258064516 13.33 12.17 9.163 5.765 4.216 1.226
0.161290322580645 9.133 8.435 6.387 4.742 3.388 1.163
0.193548387096774 8.391 7.613 6.349 4.015 3.38  1.09
0.225806451612903 8.042 7.597 5.496 3.91  3.121 1.024
0.258064516129032 7.453 6.845 5.196 3.862 2.742 0.9828
0.290322580645161 6.974 6.561 4.937 3.758 2.742 0.9743
0.32258064516129  6.928 6.358 4.704 3.319 2.385 0.9132
0.354838709677419 6.876 6.249 4.618 2.798 2.247 0.9126
0.387096774193548 6.688 6.114 4.435 2.632 2.124 0.8996
0.419354838709677 5.772 5.372 4.284 2.625 2.092 0.8237
0.451612903225806 5.258 4.972 4.02  2.569 1.874 0.705
0.483870967741936 5.178 4.802 3.911 2.419 1.751 0.6596
0.516129032258065 4.741 4.378 3.53  2.163 1.654 0.6437
0.548387096774194 4.415 4.158 3.297 1.916 1.603 0.6282
0.580645161290323 3.987 3.675 3.216 1.853 1.462 0.615
0.612903225806452 3.652 3.431 2.677 1.353 1.184 0.5837
0.645161290322581 3.621 3.334 2.414 1.292 1.056 0.5173
0.67741935483871  3.438 3.129 2.179 1.241 1.048 0.4883
0.709677419354839 3.438 3.121 2.16  1.165 1.048 0.48
0.741935483870968 3.437 3.108 2.13  1.152 0.9633      0.4081
0.774193548387097 3.436 3.103 2.11  1.122 0.8984      0.3943
0.806451612903226 3.436 3.097 2.095 1.102 0.8328      0.3822
0.838709677419355 3.435 3.094 2.086 1.076 0.8299      0.3811
0.870967741935484 3.433 3.09  2.074 1.072 0.788 0.3716
0.903225806451613 3.433 3.087 2.068 1.068 0.7852      0.355
0.935483870967742 3.432 3.079 2.048 1.042 0.7686      0.3095
0.967741935483871 3.431 3.047 2.035 1.011 0.75  0.3053

0.1   16.804      15.158      10.3123     5.8532      4.2304
      1.2431
                              Average of yearly averages:   0.90617

Inputs generated by pe5.pl - Novemeber 2006
```

```
Data used for this run:
Output File: carrot091
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-9   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)


stored as DB2m061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  2.571 2.231 1.319 0.9963      0.7063      0.3004
1962  23.9  21.56 15.34 8.35  6.013 1.76
1963  2.621 2.342 1.528 1.241 0.9095      0.4583
1964  2.575 2.238 1.697 1.229 0.8754      0.3698
1965  2.577 2.295 1.478 1.175 0.8526      0.384
1966  2.584 2.32  1.933 1.184 0.8575      0.4672
1967  8.03  7.067 4.397 2.475 1.719 0.5377
1968  2.576 2.258 1.381 1.057 0.7568      0.2859
1969  5.428 4.893 3.298 1.854 1.325 0.5163
1970  2.58  2.253 1.361 1.096 0.7945      0.2921
```

1971 2.576 2.289 1.463 1.164 0.8463   0.2549
1972 10.13 9.602 7.477 4.423 3.245 1.053
1973 2.599 2.318 1.504 1.23 0.9039   0.4597
1974 2.578 2.264 1.394 1.075 0.772 0.2334
1975 2.574 2.283 1.468 1.199 0.8901   0.3565
1976 2.576 2.276 1.429 1.127 0.8189   0.2528
1977 2.577 2.273 1.418 1.122 0.81 0.3741
1978 2.579 2.245 1.341 1.043 0.7491   0.2541
1979 4.08 3.724 2.806 1.767 1.266 0.528
1980 2.584 2.265 1.385 1.103 0.8045   0.3351
1981 2.921 2.698 2.027 1.512 1.053 0.5459
1982 2.585 2.288 1.443 1.178 0.8318   0.4545
1983 2.581 2.253 1.36 1.079 0.7835   0.3434
1984 2.575 2.25 1.409 1.184 0.9117   0.4465
1985 2.58 2.291 1.461 1.167 0.8527   0.3494
1986 2.578 2.286 1.451 1.184 0.8716   0.2703
1987 2.574 2.292 1.475 1.125 0.8084   0.2754
1988 2.773 2.441 1.837 1.336 0.9613   0.3003
1989 2.575 2.27 1.414 1.095 0.9771   0.4756
1990 2.582 2.271 1.403 1.139 0.8348   0.2741

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	23.9	21.56	15.34	8.35	6.013	1.76
0.0645161290322581		10.13	9.602	7.477	4.423	3.245 1.053
0.0967741935483871		8.03	7.067	4.397	2.475	1.719 0.5459
0.129032258064516	5.428	4.893	3.298	1.854	1.325	0.5377
0.161290322580645	4.08	3.724	2.806	1.767	1.266	0.528
0.193548387096774	2.921	2.698	2.027	1.512	1.053	0.5163
0.225806451612903	2.773	2.441	1.933	1.336	0.9771	0.4756
0.258064516129032	2.621	2.342	1.837	1.241	0.9613	0.4672
0.290322580645161	2.599	2.32	1.697	1.23	0.9117	0.4597
0.32258064516129	2.585	2.318	1.528	1.229	0.9095	0.4583
0.354838709677419	2.584	2.295	1.504	1.199	0.9039	0.4545
0.387096774193548	2.584	2.292	1.478	1.184	0.8901	0.4465
0.419354838709677	2.582	2.291	1.475	1.184	0.8754	0.384
0.451612903225806	2.581	2.289	1.468	1.184	0.8716	0.3741
0.483870967741936	2.58	2.288	1.463	1.178	0.8575	0.3698
0.516129032258065	2.58	2.286	1.461	1.175	0.8527	0.3565
0.548387096774194	2.579	2.283	1.451	1.167	0.8526	0.3494
0.580645161290323	2.578	2.276	1.443	1.164	0.8463	0.3434
0.612903225806452	2.578	2.273	1.429	1.139	0.8348	0.3351
0.645161290322581	2.577	2.271	1.418	1.127	0.8318	0.3004
0.67741935483871	2.577	2.27	1.414	1.125	0.8189	0.3003
0.709677419354839	2.576	2.265	1.409	1.122	0.81	0.2921
0.741935483870968	2.576	2.264	1.403	1.103	0.8084	0.2859
0.774193548387097	2.576	2.258	1.394	1.096	0.8045	0.2754
0.806451612903226	2.575	2.253	1.385	1.095	0.7945	0.2741
0.838709677419355	2.575	2.253	1.381	1.079	0.7835	0.2703
0.870967741935484	2.575	2.25	1.361	1.075	0.772	0.2549
0.903225806451613	2.574	2.245	1.36	1.057	0.7568	0.2541
0.935483870967742	2.574	2.238	1.341	1.043	0.7491	0.2528
0.967741935483871	2.571	2.231	1.319	0.9963	0.7063	0.2334

0.1	7.7698	6.8496	4.2871	2.4129	1.6796	0.54508

Average of yearly averages: 0.44029

```
Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB2m061
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  5.145 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-6   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as clov0906.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 11:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  11.53 11.07 10.3  7.461 5.834 1.554
1962  11.73 11.34 10.52 7.439 5.757 1.726
1963  11.8  11.31 10.08 7.237 5.622 1.644
1964  10.74 10.25 9.413 6.651 5.137 1.507
1965  10.73 10.3  9.536 7.057 5.541 1.585
1966  11.38 10.89 9.826 7.112 5.544 1.63
1967  11.68 11.21 10.14 7.54  6.011 1.768
1968  11.52 11    10.04 7.145 5.6   1.669
```

1969	11.08	10.63	9.882	7.195	5.731	1.672
1970	11.58	11.11	10.2	7.238	5.577	1.633
1971	11.02	10.44	9.376	6.398	4.92	1.402
1972	12.34	11.82	10.86	7.571	5.787	1.616
1973	10.86	10.39	9.652	7.213	5.664	1.624
1974	12.07	11.65	10.82	7.731	6.06	1.761
1975	10.45	10.07	9.419	7.007	5.564	1.678
1976	10.47	9.944	9.134	7.239	5.836	1.793
1977	11.48	10.96	10.03	7.057	5.511	1.649
1978	9.752	9.341	8.712	6.535	5.178	1.518
1979	12.09	11.68	10.65	7.303	5.624	1.63
1980	11.35	10.95	10.16	7.258	5.708	1.644
1981	11.26	10.67	9.606	6.578	5.027	1.479
1982	11.01	10.29	9.691	6.912	5.373	1.54
1983	11.61	11.15	9.89	6.751	5.181	1.495
1984	12.33	11.85	10.59	7.193	5.54	1.594
1985	10.34	9.845	8.894	6.587	5.193	1.571
1986	11.06	10.57	9.563	6.861	5.37	1.593
1987	11.1	10.68	9.971	7.361	5.877	1.723
1988	12.02	11.59	10.63	7.762	6.281	1.896
1989	11.48	10.8	9.875	7.131	5.659	1.804
1990	12.11	11.52	10.36	7.58	6.077	1.859

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	12.34	11.85	10.86	7.762	6.281	1.896
0.0645161290322581		12.33	11.82	10.82	7.731	6.077	1.859
0.0967741935483871		12.11	11.68	10.65	7.58	6.06	1.804
0.129032258064516	12.09	11.65	10.63	7.571	6.011	1.793
0.161290322580645	12.07	11.59	10.59	7.54	5.877	1.768
0.193548387096774	12.02	11.52	10.52	7.461	5.836	1.761
0.225806451612903	11.8	11.34	10.36	7.439	5.834	1.726
0.258064516129032	11.73	11.31	10.3	7.361	5.787	1.723
0.290322580645161	11.68	11.21	10.2	7.303	5.757	1.678
0.32258064516129	11.61	11.15	10.16	7.258	5.731	1.672
0.354838709677419	11.58	11.11	10.14	7.239	5.708	1.669
0.387096774193548	11.53	11.07	10.08	7.238	5.664	1.649
0.419354838709677	11.52	11	10.04	7.237	5.659	1.644
0.451612903225806	11.48	10.96	10.03	7.213	5.624	1.644
0.483870967741936	11.48	10.95	9.971	7.195	5.622	1.633
0.516129032258065	11.38	10.89	9.89	7.193	5.6	1.63
0.548387096774194	11.35	10.8	9.882	7.145	5.577	1.63
0.580645161290323	11.26	10.68	9.875	7.131	5.564	1.624
0.612903225806452	11.1	10.67	9.826	7.112	5.544	1.616
0.645161290322581	11.08	10.63	9.691	7.057	5.541	1.594
0.67741935483871	11.06	10.57	9.652	7.057	5.54	1.593
0.709677419354839	11.02	10.44	9.606	7.007	5.511	1.585
0.741935483870968	11.01	10.39	9.563	6.912	5.373	1.571
0.774193548387097	10.86	10.3	9.536	6.861	5.37	1.554
0.806451612903226	10.74	10.29	9.419	6.751	5.193	1.54
0.838709677419355	10.73	10.25	9.413	6.651	5.181	1.518
0.870967741935484	10.47	10.07	9.376	6.587	5.178	1.507
0.903225806451613	10.45	9.944	9.134	6.578	5.137	1.495
0.935483870967742	10.34	9.845	8.894	6.535	5.027	1.479
0.967741935483871	9.752	9.341	8.712	6.398	4.92	1.402

```
0.1   12.108      11.677      10.648      7.5791      6.0551
      1.8029
                                Average of yearly averages:   1.6419

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: clov0906
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  06-09 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as coleearly.out
Chemical: EPTC
PRZM environment: CAColeCropRLA.txt modified Friday, 21 March 2008 at
09:47:36
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  35.9  34.03 26.81 15.66 11.48 3.065
1962  25.77 23.7  19.31 15.14 11.27 3.002
1963  65.9  60.88 46.21 26.07 18.51 4.933
1964  58.59 55.6  40.8  22.41 15.94 4.116
1965  41.57 38.81 30.88 20.05 14.7  3.898
1966  29.73 28.31 23.75 14.04 10.33 2.82
1967  148   139   109   63.36 44.82 11.6
1968  47.04 43.8  34.4  27.92 20.85 5.453
```

1969	53.47	51.14	37.7	21.05	15.04	3.868
1970	57.85	55.41	42.05	23.57	16.89	4.334
1971	10.26	9.53	7.136	6.064	5.357	1.5
1972	5.697	5.495	4.766	3.361	2.576	0.7122
1973	78.59	75.07	63.82	40.31	29.14	7.594
1974	7.978	7.384	6.449	4.836	4.025	1.105
1975	31.22	29.45	20.86	10.9	8.045	2.122
1976	11.04	10.01	7.277	4.551	4.172	1.178
1977	8.015	7.245	4.926	3.815	3.458	1.012
1978	56.92	54.74	42.36	27.05	19.67	5.112
1979	68.94	65.03	50.88	30.75	22.18	5.746
1980	60.52	56.78	45	27.45	19.91	5.183
1981	51.87	49.21	39.06	24.46	17.67	4.695
1982	15.12	14.02	10.49	7.032	5.637	1.564
1983	53.13	50.2	41.26	24.92	18.19	4.818
1984	6.479	6.059	4.721	3.545	3.006	0.7991
1985	21.17	19.45	14.43	8.681	7.124	1.915
1986	14.61	13.61	11.14	7.332	5.728	1.53
1987	14.67	13.5	10.21	6.169	5.058	1.378
1988	28.67	26.69	21.19	13.71	10.04	2.663
1989	7.638	7.121	5.667	4.599	3.896	1.065
1990	33.52	31.1	24.16	15.08	11.07	2.914

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	148	139	109	63.36	44.82	11.6
0.0645161290322581		78.59	75.07	63.82	40.31	29.14	7.594
0.0967741935483871		68.94	65.03	50.88	30.75	22.18	5.746
0.129032258064516	65.9	60.88	46.21	27.92	20.85	5.453
0.161290322580645	60.52	56.78	45	27.45	19.91	5.183
0.193548387096774	58.59	55.6	42.36	27.05	19.67	5.112
0.225806451612903	57.85	55.41	42.05	26.07	18.51	4.933
0.258064516129032	56.92	54.74	41.26	24.92	18.19	4.818
0.290322580645161	53.47	51.14	40.8	24.46	17.67	4.695
0.32258064516129	53.13	50.2	39.06	23.57	16.89	4.334
0.354838709677419	51.87	49.21	37.7	22.41	15.94	4.116
0.387096774193548	47.04	43.8	34.4	21.05	15.04	3.898
0.419354838709677	41.57	38.81	30.88	20.05	14.7	3.868
0.451612903225806	35.9	34.03	26.81	15.66	11.48	3.065
0.483870967741936	33.52	31.1	24.16	15.14	11.27	3.002
0.516129032258065	31.22	29.45	23.75	15.08	11.07	2.914
0.548387096774194	29.73	28.31	21.19	14.04	10.33	2.82
0.580645161290323	28.67	26.69	20.86	13.71	10.04	2.663
0.612903225806452	25.77	23.7	19.31	10.9	8.045	2.122
0.645161290322581	21.17	19.45	14.43	8.681	7.124	1.915
0.67741935483871	15.12	14.02	11.14	7.332	5.728	1.564
0.709677419354839	14.67	13.61	10.49	7.032	5.637	1.53
0.741935483870968	14.61	13.5	10.21	6.169	5.357	1.5
0.774193548387097	11.04	10.01	7.277	6.064	5.058	1.378
0.806451612903226	10.26	9.53	7.136	4.836	4.172	1.178
0.838709677419355	8.015	7.384	6.449	4.599	4.025	1.105
0.870967741935484	7.978	7.245	5.667	4.551	3.896	1.065
0.903225806451613	7.638	7.121	4.926	3.815	3.458	1.012
0.935483870967742	6.479	6.059	4.766	3.545	3.006	0.7991
0.967741935483871	5.697	5.495	4.721	3.361	2.576	0.7122

```
0.1   68.636      64.615      50.413      30.467      22.047
      5.7167
                                Average of yearly averages:   3.38981

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: coleearly
Metfile:    w23234.dvf
PRZM scenario:    CAColeCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  5-01  dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as colelate.out
Chemical: EPTC
PRZM environment: CAColeCropRLA.txt modified Friday, 21 March 2008 at
09:47:36
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  16.28 15.66 12.75 7.683 5.542 1.61
1962  139   126   88.69 48.41 35.09 9.392
1963  8.972 8.438 6.848 5.851 4.804 2.273
1964  16.31 15.47 12.33 8.132 5.699 1.768
1965  18.45 17.59 15.42 9.551 6.573 2.004
1966  21.3  19.92 17.02 11.13 7.59  2.625
1967  8.563 7.982 6.19  2.973 2.398 1.305
1968  8.745 8.049 5.818 3.621 2.558 1.051
```

1969 34.31 30.92 20.83 12.36 9.079 2.514
1970 9.971 9.421 7.204 5.303 3.879 1.358
1971 3.877 3.561 2.607 1.777 1.334 0.7161
1972 66.91 62.84 50.38 30.79 22.72 5.928
1973 17.34 16.05 13.61 9.623 7.438 2.591
1974 3.449 3.109 2.386 1.494 1.19 0.7425
1975 22.8 20.83 15.2 8.975 6.556 1.968
1976 8.142 6.19 5.235 3.541 2.913 1.079
1977 16.31 14.98 10.81 6.132 4.629 2.207
1978 5.407 5.009 3.775 2.105 1.555 0.9355
1979 29.93 27.32 21.55 14.21 10.6 2.976
1980 9.512 9.09 7.12 3.27 2.439 1.367
1981 24.37 22.55 16.84 12.58 8.839 2.856
1982 16.53 15.07 11.38 9.691 7.208 2.388
1983 12.63 11.66 10.15 6.105 5.506 1.868
1984 24.24 22.02 15.79 13.67 10.49 2.949
1985 11.23 10.37 8.95 5.413 4.317 1.592
1986 4.087 3.893 3.164 1.926 1.395 0.6289
1987 6.725 6.206 4.695 4.512 3.308 1.153
1988 6.131 5.652 4.231 2.773 2.153 0.8734
1989 27.5 24.89 17   12.25 10.63 3.234
1990 4.391 4.112 3.255 2.102 1.581 0.8115

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	139	126	88.69	48.41	35.09	9.392
0.0645161290322581		66.91	62.84	50.38	30.79	22.72 5.928
0.0967741935483871		34.31	30.92	21.55	14.21	10.63 3.234
0.129032258064516	29.93	27.32	20.83	13.67	10.6	2.976
0.161290322580645	27.5	24.89	17.02	12.58	10.49	2.949
0.193548387096774	24.37	22.55	17	12.36	9.079	2.856
0.225806451612903	24.24	22.02	16.84	12.25	8.839	2.625
0.258064516129032	22.8	20.83	15.79	11.13	7.59	2.591
0.290322580645161	21.3	19.92	15.42	9.691	7.438	2.514
0.32258064516129	18.45	17.59	15.2	9.623	7.208	2.388
0.354838709677419	17.34	16.05	13.61	9.551	6.573	2.273
0.387096774193548	16.53	15.66	12.75	8.975	6.556	2.207
0.419354838709677	16.31	15.47	12.33	8.132	5.699	2.004
0.451612903225806	16.31	15.07	11.38	7.683	5.542	1.968
0.483870967741936	16.28	14.98	10.81	6.132	5.506	1.868
0.516129032258065	12.63	11.66	10.15	6.105	4.804	1.768
0.548387096774194	11.23	10.37	8.95	5.851	4.629	1.61
0.580645161290323	9.971	9.421	7.204	5.413	4.317	1.592
0.612903225806452	9.512	9.09	7.12	5.303	3.879	1.367
0.645161290322581	8.972	8.438	6.848	4.512	3.308	1.358
0.67741935483871	8.745	8.049	6.19	3.621	2.913	1.305
0.709677419354839	8.563	7.982	5.818	3.541	2.558	1.153
0.741935483870968	8.142	6.206	5.235	3.27	2.439	1.079
0.774193548387097	6.725	6.19	4.695	2.973	2.398	1.051
0.806451612903226	6.131	5.652	4.231	2.773	2.153	0.9355
0.838709677419355	5.407	5.009	3.775	2.105	1.581	0.8734
0.870967741935484	4.391	4.112	3.255	2.102	1.555	0.8115
0.903225806451613	4.087	3.893	3.164	1.926	1.395	0.7425
0.935483870967742	3.877	3.561	2.607	1.777	1.334	0.7161
0.967741935483871	3.449	3.109	2.386	1.494	1.19	0.6289

0.1	33.872	30.56	21.478	14.156	10.627	3.2082

Average of yearly averages:
2.15879666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: colelate
Metfile: w23234.dvf
PRZM scenario: CAColeCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC
Description Variable Name Value Units Comments
Molecular weight mwt 189.32 g/mol
Henry's Law Const. henry 1.5e-05 atm-m^3/mol
Vapor Pressure vapr 1.6e-02 torr
Solubility sol 344 mg/L
Kd Kd mg/L
Koc Koc 172 mg/L
Photolysis half-life kdp 0 days Half-life
Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 5-09 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
IPSCND
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)
stored as colemid.out
Chemical: EPTC
PRZM environment: CAColeCropRLA.txt modified Friday, 21 March 2008 at
09:47:36
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year Peak 96 hr 21 Day 60 Day 90 Day Yearly
1961 3.429 2.974 2.25 1.349 0.9485 0.3845
1962 24.8 22.37 15.77 8.611 6.234 1.802
1963 3.478 3.106 2.023 1.023 0.8298 0.5404
1964 15.08 13.1 7.788 3.652 2.505 0.8569
1965 3.438 3.061 2.348 1.448 0.9762 0.4473
1966 3.611 3.378 2.883 1.879 1.26 0.5587
1967 3.443 3.032 1.881 0.8671 0.5929 0.3458
1968 3.435 3.011 1.841 0.8425 0.5773 0.2991
1969 5.992 5.401 3.639 2.162 1.579 0.5412

1970 4.629 4.043 2.713 1.285 0.8839 0.3998
1971 3.436 3.053 1.953 0.9349 0.6455 0.2493
1972 11.69 10.98 8.805 5.381 3.964 1.19
1973 3.46 3.086 2.421 1.707 1.302 0.596
1974 3.44 3.022 1.861 0.859 0.5899 0.2397
1975 3.432 3.059 2.233 1.323 0.9613 0.4307
1976 3.436 3.036 1.906 0.8981 0.7116 0.3167
1977 3.438 3.032 1.892 1.158 0.8147 0.4874
1978 3.438 2.993 1.789 0.8113 0.556 0.2618
1979 5.131 4.683 3.696 2.441 1.802 0.6253
1980 3.446 3.02 1.847 0.8597 0.5941 0.3489
1981 4.348 4.024 3.005 2.242 1.555 0.6405
1982 3.447 3.05 1.976 1.688 1.236 0.542
1983 3.441 3.004 1.813 1.081 0.9477 0.4412
1984 4.047 3.677 2.623 2.288 1.749 0.6142
1985 3.443 3.057 1.951 0.9523 0.7378 0.4073
1986 3.438 3.049 1.936 0.9327 0.6473 0.2386
1987 3.432 3.056 1.967 0.9289 0.6392 0.3348
1988 16.01 14.09 8.732 4.12 2.84 0.8236
1989 4.591 4.157 2.843 2.089 1.831 0.684
1990 3.445 3.03 1.874 0.8848 0.6126 0.2633

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	24.8	22.37	15.77	8.611	6.234	1.802	
0.0645161290322581		16.01	14.09	8.805	5.381	3.964	1.19
0.0967741935483871		15.08	13.1	8.732	4.12	2.84	0.8569
0.129032258064516	11.69	10.98	7.788	3.652	2.505	0.8236	
0.161290322580645	5.992	5.401	3.696	2.441	1.831	0.684	
0.193548387096774	5.131	4.683	3.639	2.288	1.802	0.6405	
0.225806451612903	4.629	4.157	3.005	2.242	1.749	0.6253	
0.258064516129032	4.591	4.043	2.883	2.162	1.579	0.6142	
0.290322580645161	4.348	4.024	2.843	2.089	1.555	0.596	
0.32258064516129	4.047	3.677	2.713	1.879	1.302	0.5587	
0.354838709677419	3.611	3.378	2.623	1.707	1.26	0.542	
0.387096774193548	3.478	3.106	2.421	1.688	1.236	0.5412	
0.419354838709677	3.46	3.086	2.348	1.448	0.9762	0.5404	
0.451612903225806	3.447	3.061	2.25	1.349	0.9613	0.4874	
0.483870967741936	3.446	3.059	2.233	1.323	0.9485	0.4473	
0.516129032258065	3.445	3.057	2.023	1.285	0.9477	0.4412	
0.548387096774194	3.443	3.056	1.976	1.158	0.8839	0.4307	
0.580645161290323	3.443	3.053	1.967	1.081	0.8298	0.4073	
0.612903225806452	3.441	3.05	1.953	1.023	0.8147	0.3998	
0.645161290322581	3.44	3.049	1.951	0.9523	0.7378	0.3845	
0.67741935483871	3.438	3.036	1.936	0.9349	0.7116	0.3489	
0.709677419354839	3.438	3.032	1.906	0.9327	0.6473	0.3458	
0.741935483870968	3.438	3.032	1.892	0.9289	0.6455	0.3348	
0.774193548387097	3.438	3.03	1.881	0.8981	0.6392	0.3167	
0.806451612903226	3.436	3.022	1.874	0.8848	0.6126	0.2991	
0.838709677419355	3.436	3.02	1.861	0.8671	0.5941	0.2633	
0.870967741935484	3.435	3.011	1.847	0.8597	0.5929	0.2618	
0.903225806451613	3.432	3.004	1.841	0.859	0.5899	0.2493	
0.935483870967742	3.432	2.993	1.813	0.8425	0.5773	0.2397	
0.967741935483871	3.429	2.974	1.789	0.8113	0.556	0.2386	

0.1	14.741	12.888	8.6376	4.0732	2.8065	0.85357

Average of yearly averages:
0.530366666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: colemid
Metfile: w23234.dvf
PRZM scenario: CAColeCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC
Description Variable Name Value Units Comments
Molecular weight mwt 189.32 g/mol
Henry's Law Const. henry 1.5e-05 atm-m^3/mol
Vapor Pressure vapr 1.6e-02 torr
Solubility sol 344 mg/L
Kd Kd mg/L
Koc Koc 172 mg/L
Photolysis half-life kdp 0 days Half-life
Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 5-06 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
IPSCND
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)
stored as corn.out
Chemical: EPTC
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
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	5.807	5.375	3.998	2.269	1.623	0.4277
1962	3.434	3.181	2.354	1.361	0.9815	0.4732
1963	38.38	36.08	28.24	19.72	14.81	4.116
1964	3.485	3.201	2.295	1.243	0.8858	0.2674
1965	8.163	7.559	6.311	4.222	3.142	0.8372
1966	3.439	3.2	2.404	1.349	0.9634	0.2819
1967	63.79	59.14	44.62	27.16	20.02	5.403
1968	11.95	11.11	8.284	4.606	3.301	0.8944
1969	9.067	8.32	5.954	3.664	2.766	0.7467

1970	3.438	3.17	2.306	1.288	0.9207	0.2556
1971	8.764	8.045	5.88	3.593	2.623	0.6983
1972	3.437	3.194	2.387	1.331	0.958	0.2546
1973	17.16	15.75	11.26	6.33	4.569	1.21
1974	3.441	3.185	2.735	1.882	1.383	0.3725
1975	35.05	31.99	22.16	11.98	8.597	2.258
1976	7	6.438	4.644	3.015	2.296	0.6245
1977	23.78	21.62	14.98	7.992	5.71	1.5
1978	3.443	3.208	2.466	2.092	1.565	0.4267
1979	21.75	20.57	18.08	11.46	8.328	2.21
1980	8.566	7.853	5.849	3.617	2.645	0.7075
1981	47.91	45.55	34.15	20.45	14.85	3.938
1982	28.86	26.8	22.3	13.54	9.822	2.621
1983	32.18	30.45	23.71	13.95	10.08	2.674
1984	3.99	3.647	2.769	1.598	1.148	0.3183
1985	5.224	4.835	3.545	2.39	1.733	0.4627
1986	44.12	40.82	30.1	17.78	12.91	3.4
1987	5.768	5.352	3.991	2.615	1.907	0.535
1988	8.754	8.17	6.323	3.617	3.097	0.875
1989	20.1	18.76	14.59	9.361	6.921	1.852
1990	3.458	3.236	2.484	1.419	1.435	0.4856

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	63.79	59.14	44.62	27.16	20.02	5.403
0.0645161290322581		47.91	45.55	34.15	20.45	14.85 4.116
0.0967741935483871		44.12	40.82	30.1	19.72	14.81 3.938
0.129032258064516	38.38	36.08	28.24	17.78	12.91	3.4
0.161290322580645	35.05	31.99	23.71	13.95	10.08	2.674
0.193548387096774	32.18	30.45	22.3	13.54	9.822	2.621
0.225806451612903	28.86	26.8	22.16	11.98	8.597	2.258
0.258064516129032	23.78	21.62	18.08	11.46	8.328	2.21
0.290322580645161	21.75	20.57	14.98	9.361	6.921	1.852
0.32258064516129	20.1	18.76	14.59	7.992	5.71	1.5
0.354838709677419	17.16	15.75	11.26	6.33	4.569	1.21
0.387096774193548	11.95	11.11	8.284	4.606	3.301	0.8944
0.419354838709677	9.067	8.32	6.323	4.222	3.142	0.875
0.451612903225806	8.764	8.17	6.311	3.664	3.097	0.8372
0.483870967741936	8.754	8.045	5.954	3.617	2.766	0.7467
0.516129032258065	8.566	7.853	5.88	3.617	2.645	0.7075
0.548387096774194	8.163	7.559	5.849	3.593	2.623	0.6983
0.580645161290323	7	6.438	4.644	3.015	2.296	0.6245
0.612903225806452	5.807	5.375	3.998	2.615	1.907	0.535
0.645161290322581	5.768	5.352	3.991	2.39	1.733	0.4856
0.67741935483871	5.224	4.835	3.545	2.269	1.623	0.4732
0.709677419354839	3.99	3.647	2.769	2.092	1.565	0.4627
0.741935483870968	3.485	3.236	2.735	1.882	1.435	0.4277
0.774193548387097	3.458	3.208	2.484	1.598	1.383	0.4267
0.806451612903226	3.443	3.201	2.466	1.419	1.148	0.3725
0.838709677419355	3.441	3.2	2.404	1.361	0.9815	0.3183
0.870967741935484	3.439	3.194	2.387	1.349	0.9634	0.2819
0.903225806451613	3.438	3.185	2.354	1.331	0.958	0.2674
0.935483870967742	3.437	3.181	2.306	1.288	0.9207	0.2556
0.967741935483871	3.434	3.17	2.295	1.243	0.8858	0.2546

0.1	43.546	40.346	29.914	19.526	14.62	3.8842

```
                                Average of yearly averages:
      1.37089333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: corn
Metfile:    w23232.dvf
PRZM scenario:    CAcornOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  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
      IPSCND
      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)
stored as cotton.out
Chemical: EPTC
PRZM environment: CAcotton_WirrigSTD.txt  modified Tueday, 29 May 2007
at 12:42:12
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.165 2.725 1.661 1.217 0.3311
1962  3.433 3.156 2.537 1.486 1.086 0.2997
1963  3.432 3.159 2.57  1.452 1.04  0.2815
1964  3.432 3.15  2.419 1.332 0.9522      0.2553
1965  3.431 3.131 2.371 1.31  0.9424      0.2553
1966  3.432 3.193 2.688 1.555 1.124 0.3037
1967  3.432 3.167 2.512 1.457 1.066 0.2969
1968  3.432 3.146 2.608 1.511 1.095 0.2971
1969  3.432 3.15  2.589 1.443 1.045 0.2882
```

1970 3.432 3.159 2.612 1.557 1.153 0.3179
1971 3.432 3.146 2.366 1.308 0.9322 0.2491
1972 3.431 3.166 2.417 1.396 1.01 0.2711
1973 3.431 3.182 2.568 1.523 1.119 0.309
1974 3.432 3.155 2.678 1.577 1.146 0.3137
1975 3.433 3.189 2.576 1.573 1.167 0.3274
1976 3.434 3.19 2.634 1.519 1.088 0.2951
1977 3.432 3.133 2.478 1.4   1.008 0.2724
1978 3.431 3.153 2.43 1.343 0.9635 0.2596
1979 3.431 3.14 2.463 1.375 0.9868 0.2654
1980 3.431 3.119 2.441 1.317 0.9364 0.2511
1981 3.431 3.118 2.32 1.251 0.891 0.2381
1982 3.431 3.164 2.46 1.359 0.9715 0.2599
1983 3.431 3.158 2.703 1.526 1.09 0.2915
1984 3.431 3.125 2.606 1.487 1.072 0.2886
1985 3.432 3.153 2.62 1.57 1.152 0.3162
1986 3.432 3.16 2.69 1.586 1.183 0.3338
1987 36.84 34.11 25.31 14.53 10.54 2.855
1988 3.596 3.367 2.938 1.795 1.315 0.4036
1989 3.434 3.144 2.395 1.326 0.9457 0.2599
1990 3.432 3.164 2.551 1.462 1.053 0.2864

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	36.84	34.11	25.31	14.53	10.54	2.855
0.0645161290322581	3.596	3.367	2.938	1.795	1.315	0.4036
0.0967741935483871	3.434	3.193	2.725	1.661	1.217	0.3338
0.129032258064516	3.434	3.19	2.703	1.586	1.183	0.3311
0.161290322580645	3.433	3.189	2.69	1.577	1.167	0.3274
0.193548387096774	3.433	3.182	2.688	1.573	1.153	0.3179
0.225806451612903	3.432	3.167	2.678	1.57	1.152	0.3162
0.258064516129032	3.432	3.166	2.634	1.557	1.146	0.3137
0.290322580645161	3.432	3.165	2.62	1.555	1.124	0.309
0.32258064516129	3.432	3.164	2.612	1.526	1.119	0.3037
0.354838709677419	3.432	3.164	2.608	1.523	1.095	0.2997
0.387096774193548	3.432	3.16	2.606	1.519	1.09	0.2971
0.419354838709677	3.432	3.159	2.589	1.511	1.088	0.2969
0.451612903225806	3.432	3.159	2.576	1.487	1.086	0.2951
0.483870967741936	3.432	3.158	2.57	1.486	1.072	0.2915
0.516129032258065	3.432	3.156	2.568	1.462	1.066	0.2886
0.548387096774194	3.432	3.155	2.551	1.457	1.053	0.2882
0.580645161290323	3.432	3.153	2.537	1.452	1.045	0.2864
0.612903225806452	3.432	3.153	2.512	1.443	1.04	0.2815
0.645161290322581	3.431	3.15	2.478	1.4	1.01	0.2724
0.67741935483871	3.431	3.15	2.463	1.396	1.008	0.2711
0.709677419354839	3.431	3.146	2.46	1.375	0.9868	0.2654
0.741935483870968	3.431	3.146	2.441	1.359	0.9715	0.2599
0.774193548387097	3.431	3.144	2.43	1.343	0.9635	0.2599
0.806451612903226	3.431	3.14	2.419	1.332	0.9522	0.2596
0.838709677419355	3.431	3.133	2.417	1.326	0.9457	0.2553
0.870967741935484	3.431	3.131	2.395	1.317	0.9424	0.2553
0.903225806451613	3.431	3.125	2.371	1.31	0.9364	0.2511
0.935483870967742	3.431	3.119	2.366	1.308	0.9322	0.2491
0.967741935483871	3.429	3.118	2.32	1.251	0.891	0.2381

0.1	3.434	3.1927	2.7228	1.6535	1.2136	0.33353

```
                              Average of yearly averages:
      0.375786666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: cotton
Metfile:    w93193.dvf
PRZM scenario:    CAcotton_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-05 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as DB1M011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  9.794 9.365 7.069 4.05  3.15  0.8371
1962  5.314 4.987 3.826 3.033 2.398 0.6366
1963  16.62 15.35 11.46 6.331 4.734 1.27
1964  23.18 21.58 15.72 8.507 6.21  1.608
1965  9.58  9.174 7.405 4.561 3.326 0.8677
1966  6.853 6.533 5.089 3.833 3.006 0.8113
1967  49.65 46.42 35.34 20.41 14.43 3.794
1968  8.895 8.282 6.49  4.92  3.83  1.01
1969  15.33 14.35 10.14 5.692 4.17  1.077
```

1970	16.83	15.48	10.97	6.017	4.42	1.139
1971	2.58	2.397	1.987	1.203	0.9081	0.2412
1972	2.573	2.411	1.863	1.16	0.8619	0.2263
1973	15.46	14.96	12.9	7.989	5.88	1.54
1974	18.61	17.22	12.72	7.266	5.261	1.368
1975	8.122	7.431	5.084	2.901	2.238	0.5907
1976	2.577	2.445	1.979	1.279	1.217	0.3337
1977	32	30.08	23.52	14.34	10.4	2.692
1978	19.14	17.8	14.34	8.318	6.03	1.567
1979	20.37	18.92	15.22	8.955	6.533	1.699
1980	13.06	12.19	9.609	5.745	4.263	1.114
1981	11.44	10.96	8.941	5.497	4.228	1.132
1982	83.25	77.09	57	32.83	23.73	6.196
1983	11.14	10.72	8.62	5.204	4.032	1.078
1984	2.58	2.411	1.843	1.093	0.798	0.206
1985	4.36	4.008	2.899	2.008	1.643	0.4378
1986	10.2	9.57	7.433	4.487	3.213	0.8311
1987	16.31	15.11	11.19	6.534	4.761	1.239
1988	5.467	5.091	4.51	3.072	2.25	0.583
1989	2.576	2.401	1.819	1.08	0.786	0.2052
1990	4.899	4.558	3.483	2.295	1.706	0.4477

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	83.25	77.09	57	32.83	23.73	6.196
0.0645161290322581		49.65	46.42	35.34	20.41	14.43 3.794
0.0967741935483871		32	30.08	23.52	14.34	10.4 2.692
0.129032258064516	23.18	21.58	15.72	8.955	6.533	1.699
0.161290322580645	20.37	18.92	15.22	8.507	6.21	1.608
0.193548387096774	19.14	17.8	14.34	8.318	6.03	1.567
0.225806451612903	18.61	17.22	12.9	7.989	5.88	1.54
0.258064516129032	16.83	15.48	12.72	7.266	5.261	1.368
0.290322580645161	16.62	15.35	11.46	6.534	4.761	1.27
0.32258064516129	16.31	15.11	11.19	6.331	4.734	1.239
0.354838709677419	15.46	14.96	10.97	6.017	4.42	1.139
0.387096774193548	15.33	14.35	10.14	5.745	4.263	1.132
0.419354838709677	13.06	12.19	9.609	5.692	4.228	1.114
0.451612903225806	11.44	10.96	8.941	5.497	4.17	1.078
0.483870967741936	11.14	10.72	8.62	5.204	4.032	1.077
0.516129032258065	10.2	9.57	7.433	4.92	3.83	1.01
0.548387096774194	9.794	9.365	7.405	4.561	3.326	0.8677
0.580645161290323	9.58	9.174	7.069	4.487	3.213	0.8371
0.612903225806452	8.895	8.282	6.49	4.05	3.15	0.8311
0.645161290322581	8.122	7.431	5.089	3.833	3.006	0.8113
0.67741935483871	6.853	6.533	5.084	3.072	2.398	0.6366
0.709677419354839	5.467	5.091	4.51	3.033	2.25	0.5907
0.741935483870968	5.314	4.987	3.826	2.901	2.238	0.583
0.774193548387097	4.899	4.558	3.483	2.295	1.706	0.4477
0.806451612903226	4.36	4.008	2.899	2.008	1.643	0.4378
0.838709677419355	2.58	2.445	1.987	1.279	1.217	0.3337
0.870967741935484	2.58	2.411	1.979	1.203	0.9081	0.2412
0.903225806451613	2.577	2.411	1.863	1.16	0.8619	0.2263
0.935483870967742	2.576	2.401	1.843	1.093	0.798	0.206
0.967741935483871	2.573	2.397	1.819	1.08	0.786	0.2052

0.1	31.118	29.23	22.74	13.8015	10.0133	2.5927

```
                              Average of yearly averages:
      1.22594666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB1M011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  5.145 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as DB1M041.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  11.49 10.42 7.634 4.335 3.018 0.7714
1962  12.26 10.94 7.091 3.474 2.392 0.7199
1963  17.21 15.42 10.4  5.376 3.78  0.9845
1964  2.577 2.25  1.358 0.6173      0.451 0.1315
1965  6.891 6.208 4.2   2.297 1.595 0.4119
1966  12.68 11.57 8.125 4.377 3.076 0.8048
1967  39.33 35.45 24.17 11.9  8.224 2.096
1968  8.909 7.902 5.024 2.389 1.641 0.4289
1969  16.76 14.69 10.22 4.84  3.305 0.8489
```

1970	13.37	11.48	6.577	3.02	2.07	0.5332
1971	10.58	9.476	6.228	3.225	2.249	0.5794
1972	2.576	2.311	1.526	0.7605	0.5295	0.1914
1973	17.79	16.05	11.98	6.331	4.41	1.142
1974	42.8	38.76	26.45	13.22	9.089	2.321
1975	21.18	19.09	13.2	6.775	4.704	1.219
1976	2.58	2.305	1.765	0.878	0.6047	0.1618
1977	11.88	10.59	6.828	3.325	2.285	0.5933
1978	10.64	9.608	6.959	4.151	2.888	0.7402
1979	2.576	2.284	1.45	0.6958	0.4794	0.1516
1980	14.99	13.6	10.38	5.253	3.606	0.9256
1981	11.7	10.52	7.011	3.525	2.434	0.6488
1982	16.2	14.7	11.17	6.393	4.478	1.154
1983	10.55	9.477	6.563	3.807	2.662	0.6867
1984	13.3	11.67	7.163	3.3	2.249	0.5848
1985	11.74	10.48	6.801	3.405	2.358	0.6135
1986	12.98	11.61	7.583	3.769	2.606	0.6724
1987	12.46	11.18	7.381	3.771	2.626	0.6793
1988	16.4	15.19	12.5	7.606	5.322	1.364
1989	11.12	10.15	7.135	3.742	2.594	0.6808
1990	13.01	11.71	7.827	4.157	3.148	0.8246

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	42.8	38.76	26.45	13.22	9.089	2.321	
0.0645161290322581		39.33	35.45	24.17	11.9	8.224	2.096
0.0967741935483871		21.18	19.09	13.2	7.606	5.322	1.364
0.129032258064516	17.79	16.05	12.5	6.775	4.704	1.219	
0.161290322580645	17.21	15.42	11.98	6.393	4.478	1.154	
0.193548387096774	16.76	15.19	11.17	6.331	4.41	1.142	
0.225806451612903	16.4	14.7	10.4	5.376	3.78	0.9845	
0.258064516129032	16.2	14.69	10.38	5.253	3.606	0.9256	
0.290322580645161	14.99	13.6	10.22	4.84	3.305	0.8489	
0.32258064516129	13.37	11.71	8.125	4.377	3.148	0.8246	
0.354838709677419	13.3	11.67	7.827	4.335	3.076	0.8048	
0.387096774193548	13.01	11.61	7.634	4.157	3.018	0.7714	
0.419354838709677	12.98	11.57	7.583	4.151	2.888	0.7402	
0.451612903225806	12.68	11.48	7.381	3.807	2.662	0.7199	
0.483870967741936	12.46	11.18	7.163	3.771	2.626	0.6867	
0.516129032258065	12.26	10.94	7.135	3.769	2.606	0.6808	
0.548387096774194	11.88	10.59	7.091	3.742	2.594	0.6793	
0.580645161290323	11.74	10.52	7.011	3.525	2.434	0.6724	
0.612903225806452	11.7	10.48	6.959	3.474	2.392	0.6488	
0.645161290322581	11.49	10.42	6.828	3.405	2.358	0.6135	
0.67741935483871	11.12	10.15	6.801	3.325	2.285	0.5933	
0.709677419354839	10.64	9.608	6.577	3.3	2.249	0.5848	
0.741935483870968	10.58	9.477	6.563	3.225	2.249	0.5794	
0.774193548387097	10.55	9.476	6.228	3.02	2.07	0.5332	
0.806451612903226	8.909	7.902	5.024	2.389	1.641	0.4289	
0.838709677419355	6.891	6.208	4.2	2.297	1.595	0.4119	
0.870967741935484	2.58	2.311	1.765	0.878	0.6047	0.1914	
0.903225806451613	2.577	2.305	1.526	0.7605	0.5295	0.1618	
0.935483870967742	2.576	2.284	1.45	0.6958	0.4794	0.1516	
0.967741935483871	2.576	2.25	1.358	0.6173	0.451	0.1315	
0.1	20.841	18.786	13.13	7.5229	5.2602	1.3495	
			Average of yearly averages:			0.78884	

```
Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB1M041
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  5.145 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as DB1M061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  2.571 2.231 1.319 0.5877      0.4001      0.1496
1962  9.958 8.983 6.39  3.479 2.505 0.759
1963  2.592 2.314 1.503 0.7373      0.5117      0.2233
1964  2.573 2.236 1.695 0.7981      0.5467      0.1883
1965  2.573 2.291 1.474 0.71  0.4895      0.1912
1966  2.577 2.273 1.42  0.6734      0.4659      0.2203
1967  8.024 7.062 4.392 2.055 1.403 0.3925
1968  2.574 2.256 1.378 0.6313      0.432 0.1462
1969  2.573 2.211 1.362 0.7654      0.5471      0.2357
1970  2.575 2.248 1.356 0.6236      0.4281      0.1413
1971  2.573 2.286 1.461 0.6997      0.4825      0.1366
```

1972 4.174 3.957 3.081 1.823 1.337 0.4708
1973 2.583 2.303 1.49 0.7288   0.5057   0.2225
1974 2.574 2.261 1.39 0.6412   0.4393   0.1259
1975 2.572 2.282 1.45 0.6991   0.4857   0.1753
1976 2.573 2.273 1.426 0.6717   0.4626   0.1346
1977 2.574 2.27 1.415 0.6636   0.4558   0.1847
1978 2.574 2.24 1.338 0.605 0.4139   0.1306
1979 2.573 2.244 1.35 0.7366   0.5276   0.2435
1980 2.577 2.258 1.378 0.6379   0.4394   0.1644
1981 2.574 2.286 1.459 0.7101   0.4939   0.2542
1982 2.577 2.28 1.437 0.6766   0.4641   0.2199
1983 2.575 2.248 1.356 0.6206   0.4263   0.1669
1984 2.573 2.248 1.358 0.6254   0.4296   0.2089
1985 2.575 2.286 1.457 0.6974   0.482 0.1723
1986 2.574 2.282 1.448 0.6946   0.4811   0.1393
1987 2.572 2.29 1.474 0.7008   0.4815   0.1503
1988 2.771 2.44 1.836 0.8838   0.609 0.1737
1989 2.573 2.268 1.412 0.6503   0.4443   0.229
1990 2.576 2.265 1.398 0.6558   0.4527   0.1394

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 9.958 8.983 6.39 3.479 2.505 0.759
0.0645161290322581   8.024 7.062 4.392 2.055 1.403 0.4708
0.0967741935483871   4.174 3.957 3.081 1.823 1.337 0.3925
0.129032258064516 2.771 2.44 1.836 0.8838   0.609 0.2542
0.161290322580645 2.592 2.314 1.695 0.7981   0.5471   0.2435
0.193548387096774 2.583 2.303 1.503 0.7654   0.5467   0.2357
0.225806451612903 2.577 2.291 1.49 0.7373   0.5276   0.229
0.258064516129032 2.577 2.29 1.474 0.7366   0.5117   0.2233
0.290322580645161 2.577 2.286 1.474 0.7288   0.5057   0.2225
0.32258064516129 2.576 2.286 1.461 0.7101   0.4939   0.2203
0.354838709677419 2.575 2.286 1.459 0.71 0.4895   0.2199
0.387096774193548 2.575 2.282 1.457 0.7008   0.4857   0.2089
0.419354838709677 2.575 2.282 1.45 0.6997   0.4825   0.1912
0.451612903225806 2.574 2.28 1.448 0.6991   0.482 0.1883
0.483870967741936 2.574 2.273 1.437 0.6974   0.4815   0.1847
0.516129032258065 2.574 2.273 1.426 0.6946   0.4811   0.1753
0.548387096774194 2.574 2.27 1.42 0.6766   0.4659   0.1737
0.580645161290323 2.574 2.268 1.415 0.6734   0.4641   0.1723
0.612903225806452 2.574 2.265 1.412 0.6717   0.4626   0.1669
0.645161290322581 2.573 2.261 1.398 0.6636   0.4558   0.1644
0.67741935483871 2.573 2.258 1.39 0.6558   0.4527   0.1503
0.709677419354839 2.573 2.256 1.378 0.6503   0.4443   0.1496
0.741935483870968 2.573 2.248 1.378 0.6412   0.4394   0.1462
0.774193548387097 2.573 2.248 1.362 0.6379   0.4393   0.1413
0.806451612903226 2.573 2.248 1.358 0.6313   0.432 0.1394
0.838709677419355 2.573 2.244 1.356 0.6254   0.4296   0.1393
0.870967741935484 2.573 2.24 1.356 0.6236   0.4281   0.1366
0.903225806451613 2.572 2.236 1.35 0.6206   0.4263   0.1346
0.935483870967742 2.572 2.231 1.338 0.605 0.4139   0.1306
0.967741935483871 2.571 2.211 1.319 0.5877   0.4001   0.1259

0.1   4.0337   3.8053   2.9565   1.72908   1.2642
      0.37867
                              Average of yearly averages: 0.21634

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB1M061
Metfile: w23234.dvf
PRZM scenario: CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC
Description Variable Name Value Units Comments
Molecular weight mwt 189.32 g/mol
Henry's Law Const. henry 1.5e-05 atm-m^3/mol
Vapor Pressure vapr 1.6e-02 torr
Solubility sol 344 mg/L
Kd Kd mg/L
Koc Koc 172 mg/L
Photolysis half-life kdp 0 days Half-life
Aerobic Aquatic Metabolism kbacw 0 days Halfife
Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 5.145 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 1-6 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
  IPSCND
  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)
stored as DB2L011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	9.222	8.566	7.312	4.545	3.542	0.9722
1962	19.14	17.56	13.98	8.139	6.188	1.694
1963	54.07	49.95	37.1	20.58	14.53	3.852
1964	19.9	18.52	14.28	8.031	5.861	1.526
1965	8.212	7.864	6.348	4.537	3.427	0.9157
1966	10.04	9.603	7.702	4.939	3.986	1.103
1967	42.57	39.79	31.18	18.36	13.11	3.455
1968	9.404	8.769	6.989	5.075	4.159	1.135
1969	19.56	17.67	14.64	10.19	7.626	2.017
1970	14.44	13.27	9.77	6.209	4.639	1.21
1971	3.004	2.761	1.921	1.613	1.512	0.437
1972	2.956	2.759	2.071	1.632	1.357	0.3721

```
1973  17.69 16.87 13.63 11.07 8.473 2.272
1974  15.96 14.77 10.91 6.915 5.312 1.411
1975  30.15 27.58 18.86 9.578 6.827 1.819
1976  7.498 6.958 5.042 3.078 2.567 0.7483
1977  27.44 25.79 20.17 12.92 9.637 2.542
1978  18.07 16.64 12.65 11.01 8.636 2.312
1979  29.23 26.79 19.7  14.16 11.44 3.077
1980  11.21 10.47 8.351 6.726 5.203 1.395
1981  10.93 10.2  8.65  5.664 4.305 1.165
1982  71.36 66.08 48.86 31.4  23.75 6.292
1983  12.9  11.93 9.657 7.086 5.395 1.471
1984  2.868 2.661 1.94  1.543 1.252 0.3366
1985  14.99 13.77 9.937 5.484 4.136 1.123
1986  12.37 11.32 9.005 7.014 5.524 1.474
1987  16.65 15.35 11.49 8.993 7.413 2.007
1988  4.857 4.524 3.875 3.281 2.515 0.669
1989  2.839 2.63  2.026 1.577 1.273 0.3462
1990  7.542 6.924 4.953 3.71  3.071 0.8526

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 71.36 66.08 48.86 31.4  23.75 6.292
0.0645161290322581      54.07 49.95 37.1  20.58 14.53 3.852
0.0967741935483871      42.57 39.79 31.18 18.36 13.11 3.455
0.129032258064516 30.15 27.58 20.17 14.16 11.44 3.077
0.161290322580645 29.23 26.79 19.7  12.92 9.637 2.542
0.193548387096774 27.44 25.79 18.86 11.07 8.636 2.312
0.225806451612903 19.9  18.52 14.64 11.01 8.473 2.272
0.258064516129032 19.56 17.67 14.28 10.19 7.626 2.017
0.290322580645161 19.14 17.56 13.98 9.578 7.413 2.007
0.32258064516129  18.07 16.87 13.63 8.993 6.827 1.819
0.354838709677419 17.69 16.64 12.65 8.139 6.188 1.694
0.387096774193548 16.65 15.35 11.49 8.031 5.861 1.526
0.419354838709677 15.96 14.77 10.91 7.086 5.524 1.474
0.451612903225806 14.99 13.77 9.937 7.014 5.395 1.471
0.483870967741936 14.44 13.27 9.77  6.915 5.312 1.411
0.516129032258065 12.9  11.93 9.657 6.726 5.203 1.395
0.548387096774194 12.37 11.32 9.005 6.209 4.639 1.21
0.580645161290323 11.21 10.47 8.65  5.664 4.305 1.165
0.612903225806452 10.93 10.2  8.351 5.484 4.159 1.135
0.645161290322581 10.04 9.603 7.702 5.075 4.136 1.123
0.67741935483871  9.404 8.769 7.312 4.939 3.986 1.103
0.709677419354839 9.222 8.566 6.989 4.545 3.542 0.9722
0.741935483870968 8.212 7.864 6.348 4.537 3.427 0.9157
0.774193548387097 7.542 6.958 5.042 3.71  3.071 0.8526
0.806451612903226 7.498 6.924 4.953 3.281 2.567 0.7483
0.838709677419355 4.857 4.524 3.875 3.078 2.515 0.669
0.870967741935484 3.004 2.761 2.071 1.632 1.512 0.437
0.903225806451613 2.956 2.759 2.026 1.613 1.357 0.3721
0.935483870967742 2.868 2.661 1.94  1.577 1.273 0.3462
0.967741935483871 2.839 2.63  1.921 1.543 1.252 0.3366

0.1   41.328      38.569      30.079      17.94 12.943      3.4172
                              Average of yearly averages:
      1.66672333333333

Inputs generated by pe5.pl - Novemeber 2006
```

```
Data used for this run:
Output File: DB2L011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as DB2L041.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  9.852 8.933 6.545 4.178 2.941 0.7684
1962  10.52 9.382 6.082 3.423 2.392 0.9895
1963  14.77 13.24 8.929 5.131 3.66  0.991
1964  2.34  2.039 1.225 0.9567      0.7502      0.2281
1965  5.909 5.324 3.602 2.413 1.71  0.4721
1966  10.88 9.928 6.971 4.275 3.055 0.8433
1967  33.72 30.39 20.73 10.67 7.688 1.991
1968  7.641 6.777 4.309 2.499 1.752 0.4709
1969  14.36 12.59 8.76  4.575 3.152 0.8719
1970  11.47 9.846 5.64  3.044 2.123 0.5621
```

```
1971  9.07  8.125 5.34  3.243 2.303 0.6011
1972  2.487 2.335 1.816 1.155 0.8592      0.4207
1973  15.26 13.77 10.28 5.925 4.174 1.124
1974  36.69 33.23 22.67 11.76 8.12  2.081
1975  18.16 16.36 11.32 6.287 4.408 1.167
1976  2.585 2.27  1.515 1.198 0.8604      0.2354
1977  10.19 9.076 5.855 3.285 2.29  0.6217
1978  9.126 8.241 5.969 4.011 2.82  0.7337
1979  2.416 2.157 1.402 1.084 0.7905      0.2869
1980  12.86 11.67 8.908 4.931 3.415 0.8987
1981  10.03 9.024 6.014 3.465 2.428 0.7007
1982  13.9  12.61 9.585 5.984 4.238 1.138
1983  9.052 8.133 5.633 3.728 2.639 0.7041
1984  11.4  10    6.139 3.225 2.223 0.6215
1985  10.07 8.985 5.831 3.378 2.377 0.6411
1986  11.13 9.953 6.503 3.687 2.586 0.6762
1987  10.69 9.585 6.329 3.697 2.614 0.6892
1988  14.06 13.02 10.72 6.955 4.943 1.279
1989  9.533 8.705 6.119 3.65  2.561 0.7222
1990  11.16 10.05 6.715 4.612 3.883 1.052

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 36.69 33.23 22.67 11.76 8.12  2.081
0.0645161290322581      33.72 30.39 20.73 10.67 7.688 1.991
0.0967741935483871      18.16 16.36 11.32 6.955 4.943 1.279
0.129032258064516 15.26 13.77 10.72 6.287 4.408 1.167
0.161290322580645 14.77 13.24 10.28 5.984 4.238 1.138
0.193548387096774 14.36 13.02 9.585 5.925 4.174 1.124
0.225806451612903 14.06 12.61 8.929 5.131 3.883 1.052
0.258064516129032 13.9  12.59 8.908 4.931 3.66  0.991
0.290322580645161 12.86 11.67 8.76  4.612 3.415 0.9895
0.32258064516129  11.47 10.05 6.971 4.575 3.152 0.8987
0.354838709677419 11.4  10    6.715 4.275 3.055 0.8719
0.387096774193548 11.16 9.953 6.545 4.178 2.941 0.8433
0.419354838709677 11.13 9.928 6.503 4.011 2.82  0.7684
0.451612903225806 10.88 9.846 6.329 3.728 2.639 0.7337
0.483870967741936 10.69 9.585 6.139 3.697 2.614 0.7222
0.516129032258065 10.52 9.382 6.119 3.687 2.586 0.7041
0.548387096774194 10.19 9.076 6.082 3.65  2.561 0.7007
0.580645161290323 10.07 9.024 6.014 3.465 2.428 0.6892
0.612903225806452 10.03 8.985 5.969 3.423 2.392 0.6762
0.645161290322581 9.852 8.933 5.855 3.378 2.377 0.6411
0.67741935483871  9.533 8.705 5.831 3.285 2.303 0.6217
0.709677419354839 9.126 8.241 5.64  3.243 2.29  0.6215
0.741935483870968 9.07  8.133 5.633 3.225 2.223 0.6011
0.774193548387097 9.052 8.125 5.34  3.044 2.123 0.5621
0.806451612903226 7.641 6.777 4.309 2.499 1.752 0.4721
0.838709677419355 5.909 5.324 3.602 2.413 1.71  0.4709
0.870967741935484 2.585 2.335 1.816 1.198 0.8604      0.4207
0.903225806451613 2.487 2.27  1.515 1.155 0.8592      0.2869
0.935483870967742 2.416 2.157 1.402 1.084 0.7905      0.2354
0.967741935483871 2.34  2.039 1.225 0.9567      0.7502      0.2281

0.1   17.87 16.101      11.26 6.8882      4.8895      1.2678
                        Average of yearly averages:
      0.819416666666667
```

```
Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB2L041
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as DB2L061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  2.311 1.997 1.169 0.9123      0.6492      0.279
1962  22.48 20.28 14.42 7.852 5.654 1.652
1963  2.479 2.213 1.441 1.135 0.8364      0.4264
1964  2.464 2.15  1.455 1.115 0.7973      0.3429
1965  2.441 2.159 1.374 1.074 0.7826      0.3567
1966  2.393 2.183 1.819 1.113 0.7909      0.4357
1967  6.884 6.059 3.77  2.182 1.518 0.4816
1968  2.357 2.052 1.229 0.9669      0.6951      0.265
```

1969 5.112 4.608 3.106 1.746 1.248 0.4828
1970 2.342 2.077 1.321 1.007 0.7333 0.2719
1971 2.428 2.148 1.356 1.064 0.7773 0.2354
1972 9.53 9.036 7.037 4.162 3.053 0.9858
1973 2.461 2.201 1.441 1.126 0.8316 0.4279
1974 2.368 2.068 1.251 0.9835 0.7092 0.2154
1975 2.417 2.168 1.431 1.1 0.8207 0.3315
1976 2.397 2.113 1.318 1.031 0.7528 0.2336
1977 2.388 2.107 1.318 1.027 0.7449 0.3477
1978 2.327 2.036 1.239 0.9567 0.69 0.2355
1979 3.837 3.503 2.639 1.662 1.191 0.4932
1980 2.36 2.086 1.314 1.012 0.7418 0.3116
1981 2.747 2.537 1.906 1.422 0.9905 0.5095
1982 2.408 2.111 1.351 1.109 0.7827 0.423
1983 2.341 2.065 1.291 0.9906 0.7226 0.3195
1984 2.342 2.079 1.328 1.114 0.8577 0.4167
1985 2.425 2.149 1.363 1.067 0.7839 0.3248
1986 2.417 2.158 1.404 1.085 0.8029 0.2504
1987 2.439 2.122 1.269 1.025 0.7396 0.2539
1988 2.533 2.231 1.575 1.209 0.8744 0.2755
1989 2.385 2.051 1.303 1.03 0.9188 0.4428
1990 2.375 2.114 1.363 1.045 0.7701 0.2542

Sorted results
Prob. Peak 96 hr 21 Day 60 Day 90 Day Yearly
0.032258064516129 22.48 20.28 14.42 7.852 5.654 1.652
0.0645161290322581 9.53 9.036 7.037 4.162 3.053 0.9858
0.0967741935483871 6.884 6.059 3.77 2.182 1.518 0.5095
0.129032258064516 5.112 4.608 3.106 1.746 1.248 0.4932
0.161290322580645 3.837 3.503 2.639 1.662 1.191 0.4828
0.193548387096774 2.747 2.537 1.906 1.422 0.9905 0.4816
0.225806451612903 2.533 2.231 1.819 1.209 0.9188 0.4428
0.258064516129032 2.479 2.213 1.575 1.135 0.8744 0.4357
0.290322580645161 2.464 2.201 1.455 1.126 0.8577 0.4279
0.32258064516129 2.461 2.183 1.441 1.115 0.8364 0.4264
0.354838709677419 2.441 2.168 1.441 1.114 0.8316 0.423
0.387096774193548 2.439 2.159 1.431 1.113 0.8207 0.4167
0.419354838709677 2.428 2.158 1.404 1.109 0.8029 0.3567
0.451612903225806 2.425 2.15 1.374 1.1 0.7973 0.3477
0.483870967741936 2.417 2.149 1.363 1.085 0.7909 0.3429
0.516129032258065 2.417 2.148 1.363 1.074 0.7839 0.3315
0.548387096774194 2.408 2.122 1.356 1.067 0.7827 0.3248
0.580645161290323 2.397 2.114 1.351 1.064 0.7826 0.3195
0.612903225806452 2.393 2.113 1.328 1.045 0.7773 0.3116
0.645161290322581 2.388 2.111 1.321 1.031 0.7701 0.279
0.67741935483871 2.385 2.107 1.318 1.03 0.7528 0.2755
0.709677419354839 2.375 2.086 1.318 1.027 0.7449 0.2719
0.741935483870968 2.368 2.079 1.314 1.025 0.7418 0.265
0.774193548387097 2.36 2.077 1.303 1.012 0.7396 0.2542
0.806451612903226 2.357 2.068 1.291 1.007 0.7333 0.2539
0.838709677419355 2.342 2.065 1.269 0.9906 0.7226 0.2504
0.870967741935484 2.342 2.052 1.251 0.9835 0.7092 0.2355
0.903225806451613 2.341 2.051 1.239 0.9669 0.6951 0.2354
0.935483870967742 2.327 2.036 1.229 0.9567 0.69 0.2336
0.967741935483871 2.311 1.997 1.169 0.9123 0.6492 0.2154

0.1 6.7068 5.9139 3.7036 2.1384 1.491 0.50787

```
                              Average of yearly averages:
      0.409396666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB2L061
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-6   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as DB2m011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  10.41 9.674 8.321 5.103 3.991 1.092
1962  19.8  18.17 14.43 8.548 6.526 1.786
1963  56.44 52.15 38.7  21.48 15.16 4.033
1964  23.21 21.6  16.53 9.247 6.748 1.755
1965  9.582 9.176 7.407 5.188 3.902 1.04
1966  10.98 10.48 8.429 5.485 4.415 1.219
```

1967	49.66	46.42	36.23	21.28	15.18	3.997
1968	10.63	9.912	7.916	5.778	4.707	1.279
1969	20.53	18.55	15.24	10.99	8.221	2.171
1970	16.84	15.49	11.34	7.064	5.27	1.373
1971	3.162	2.906	2.023	1.785	1.642	0.4714
1972	3.106	2.899	2.177	1.798	1.48	0.4044
1973	18.76	17.88	14.4	12.21	9.314	2.492
1974	18.62	17.23	12.73	7.951	6.064	1.607
1975	31.31	28.64	19.59	9.947	7.146	1.903
1976	7.785	7.227	5.236	3.212	2.741	0.7961
1977	32.01	30.09	23.53	14.97	11.12	2.927
1978	19.14	17.8	14.34	12.2	9.495	2.535
1979	30.1	27.6	20.29	15.44	12.36	3.319
1980	13.08	12.21	9.724	7.536	5.812	1.555
1981	12.41	11.58	9.929	6.45	4.91	1.326
1982	83.25	77.1	57	36.09	27.14	7.177
1983	13.91	12.87	10.79	7.829	5.971	1.625
1984	3.003	2.787	2.033	1.699	1.366	0.366
1985	15.61	14.34	10.35	5.716	4.371	1.186
1986	13.07	11.95	9.439	7.644	5.982	1.593
1987	17.21	15.89	11.89	9.923	8.091	2.184
1988	5.477	5.101	4.519	3.72	2.836	0.7522
1989	2.97	2.751	2.118	1.731	1.385	0.3755
1990	7.771	7.135	5.107	4.002	3.315	0.9166

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	83.25	77.1	57	36.09	27.14	7.177
0.0645161290322581	56.44	52.15	38.7	21.48	15.18	4.033
0.0967741935483871	49.66	46.42	36.23	21.28	15.16	3.997
0.129032258064516	32.01	30.09	23.53	15.44	12.36	3.319
0.161290322580645	31.31	28.64	20.29	14.97	11.12	2.927
0.193548387096774	30.1	27.6	19.59	12.21	9.495	2.535
0.225806451612903	23.21	21.6	16.53	12.2	9.314	2.492
0.258064516129032	20.53	18.55	15.24	10.99	8.221	2.184
0.290322580645161	19.8	18.17	14.43	9.947	8.091	2.171
0.32258064516129	19.14	17.88	14.4	9.923	7.146	1.903
0.354838709677419	18.76	17.8	14.34	9.247	6.748	1.786
0.387096774193548	18.62	17.23	12.73	8.548	6.526	1.755
0.419354838709677	17.21	15.89	11.89	7.951	6.064	1.625
0.451612903225806	16.84	15.49	11.34	7.829	5.982	1.607
0.483870967741936	15.61	14.34	10.79	7.644	5.971	1.593
0.516129032258065	13.91	12.87	10.35	7.536	5.812	1.555
0.548387096774194	13.08	12.21	9.929	7.064	5.27	1.373
0.580645161290323	13.07	11.95	9.724	6.45	4.91	1.326
0.612903225806452	12.41	11.58	9.439	5.778	4.707	1.279
0.645161290322581	10.98	10.48	8.429	5.716	4.415	1.219
0.67741935483871	10.63	9.912	8.321	5.485	4.371	1.186
0.709677419354839	10.41	9.674	7.916	5.188	3.991	1.092
0.741935483870968	9.582	9.176	7.407	5.103	3.902	1.04
0.774193548387097	7.785	7.227	5.236	4.002	3.315	0.9166
0.806451612903226	7.771	7.135	5.107	3.72	2.836	0.7961
0.838709677419355	5.477	5.101	4.519	3.212	2.741	0.7522
0.870967741935484	3.162	2.906	2.177	1.798	1.642	0.4714
0.903225806451613	3.106	2.899	2.118	1.785	1.48	0.4044
0.935483870967742	3.003	2.787	2.033	1.731	1.385	0.3755
0.967741935483871	2.97	2.751	2.023	1.699	1.366	0.366

```
0.1   47.895      44.787      34.96 20.696      14.88 3.9292
                              Average of yearly averages:
      1.84187333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB2m011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  5.145 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as DB2m041.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  11.49 10.42 7.634 4.796 3.371 0.8785
1962  12.27 10.94 7.095 3.919 2.734 1.092
1963  17.23 15.44 10.42 5.9   4.201 1.132
1964  2.58  2.252 1.36  1.045 0.8147      0.2469
```

1965	6.894	6.211	4.202	2.741	1.937	0.5309
1966	12.69	11.58	8.131	4.9	3.494	0.9582
1967	39.34	35.45	24.18	12.36	8.863	2.29
1968	8.913	7.906	5.027	2.84	1.986	0.5322
1969	16.76	14.69	10.22	5.267	3.624	0.9932
1970	13.38	11.49	6.58	3.476	2.419	0.6383
1971	10.58	9.478	6.229	3.704	2.624	0.6839
1972	2.578	2.429	1.888	1.264	0.9348	0.448
1973	17.81	16.06	11.99	6.829	4.804	1.287
1974	42.81	38.76	26.45	13.65	9.418	2.413
1975	21.18	19.09	13.2	7.253	5.079	1.341
1976	2.673	2.348	1.768	1.324	0.9468	0.2586
1977	11.89	10.59	6.832	3.761	2.617	0.7066
1978	10.64	9.612	6.962	4.603	3.232	0.8394
1979	2.579	2.287	1.451	1.183	0.859	0.3086
1980	15	13.61	10.39	5.681	3.93	1.031
1981	11.71	10.53	7.016	3.969	2.776	0.7934
1982	16.21	14.7	11.18	6.896	4.876	1.303
1983	10.56	9.483	6.568	4.271	3.019	0.802
1984	13.3	11.67	7.165	3.697	2.545	0.7052
1985	11.75	10.48	6.805	3.865	2.714	0.7288
1986	12.99	11.61	7.586	4.225	2.958	0.7723
1987	12.46	11.18	7.382	4.236	2.989	0.7862
1988	16.4	15.19	12.5	8.041	5.703	1.474
1989	11.12	10.15	7.137	4.184	2.931	0.8193
1990	13.02	11.72	7.832	5.204	4.333	1.17

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	42.81	38.76	26.45	13.65	9.418	2.413
0.0645161290322581	39.34	35.45	24.18	12.36	8.863	2.29
0.0967741935483871	21.18	19.09	13.2	8.041	5.703	1.474
0.129032258064516	17.81	16.06	12.5	7.253	5.079	1.341
0.161290322580645	17.23	15.44	11.99	6.896	4.876	1.303
0.193548387096774	16.76	15.19	11.18	6.829	4.804	1.287
0.225806451612903	16.4	14.7	10.42	5.9	4.333	1.17
0.258064516129032	16.21	14.69	10.39	5.681	4.201	1.132
0.290322580645161	15	13.61	10.22	5.267	3.93	1.092
0.32258064516129	13.38	11.72	8.131	5.204	3.624	1.031
0.354838709677419	13.3	11.67	7.832	4.9	3.494	0.9932
0.387096774193548	13.02	11.61	7.634	4.796	3.371	0.9582
0.419354838709677	12.99	11.58	7.586	4.603	3.232	0.8785
0.451612903225806	12.69	11.49	7.382	4.271	3.019	0.8394
0.483870967741936	12.46	11.18	7.165	4.236	2.989	0.8193
0.516129032258065	12.27	10.94	7.137	4.225	2.958	0.802
0.548387096774194	11.89	10.59	7.095	4.184	2.931	0.7934
0.580645161290323	11.75	10.53	7.016	3.969	2.776	0.7862
0.612903225806452	11.71	10.48	6.962	3.919	2.734	0.7723
0.645161290322581	11.49	10.42	6.832	3.865	2.714	0.7288
0.67741935483871	11.12	10.15	6.805	3.761	2.624	0.7066
0.709677419354839	10.64	9.612	6.58	3.704	2.617	0.7052
0.741935483870968	10.58	9.483	6.568	3.697	2.545	0.6839
0.774193548387097	10.56	9.478	6.229	3.476	2.419	0.6383
0.806451612903226	8.913	7.906	5.027	2.84	1.986	0.5322
0.838709677419355	6.894	6.211	4.202	2.741	1.937	0.5309
0.870967741935484	2.673	2.429	1.888	1.324	0.9468	0.448
0.903225806451613	2.58	2.348	1.768	1.264	0.9348	0.3086

```
0.935483870967742 2.579 2.287 1.451 1.183 0.859 0.2586
0.967741935483871 2.578 2.252 1.36  1.045 0.8147      0.2469

0.1   20.843      18.787      13.13 7.9622      5.6406      1.4607
                              Average of yearly averages:
      0.932116666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: DB2m041
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  5.145 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.11  kg/ha
Record 17:  FILTRA
      IPSCND
      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)

stored as lettuce.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 21 February 2006
at 14:38:22
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	3.429	3.194	2.414	1.447	1.066	0.3089
1962	209	202	172	111	82.15	22.46
1963	146	140	114	73.22	55.1	15.02
1964	8.949	8.382	6.904	4.009	3.23	1.012
1965	3.447	3.19	2.423	1.475	1.3	0.3741
1966	14.29	13.3	10.18	6.179	4.502	1.208
1967	4.879	4.573	3.587	2.527	2.175	0.6166
1968	6.849	6.318	4.769	4.182	3.434	0.9492
1969	77.19	72.45	57.84	34.01	24.55	6.525
1970	57.42	53.57	41.22	22.84	16.28	4.446
1971	3.486	3.201	2.297	1.255	1.015	0.3993
1972	3.436	3.169	2.308	1.279	0.9092	0.257
1973	111	105	79.13	47.86	34.99	9.384
1974	81.7	75.26	55.22	30.62	21.85	5.891
1975	169	161	123	70.45	50.87	13.55
1976	97	91.55	69.21	39.38	28.48	7.549
1977	22.61	20.72	14.74	8.521	6.57	2.008
1978	215	205	159	94.13	68.36	18.24
1979	38.26	35.96	32.62	23.67	17.62	4.782
1980	141	132	96.86	54.36	39.29	10.55
1981	126	121	94.25	60	43.74	11.69
1982	34.57	32.23	24.44	14.78	10.93	2.986
1983	74.64	70.83	59.2	34.48	24.69	6.437
1984	3.482	3.193	2.279	1.415	1.054	0.2888
1985	46.61	44.1	35.36	22.53	16.94	4.765
1986	171	156	115	62.49	43.99	11.45
1987	34.12	31.27	22.05	13.31	10.05	2.766
1988	30.72	26.2	14.77	6.62	4.84	1.258
1989	14.57	13.2	9.624	5.158	3.592	0.9171
1990	31.61	28.19	19.73	10.21	7.126	1.836

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	215	205	172	111	82.15	22.46
0.0645161290322581		209	202	159	94.13	68.36 18.24
0.0967741935483871		171	161	123	73.22	55.1 15.02
0.129032258064516	169	156	115	70.45	50.87	13.55
0.161290322580645	146	140	114	62.49	43.99	11.69
0.193548387096774	141	132	96.86	60	43.74	11.45
0.225806451612903	126	121	94.25	54.36	39.29	10.55
0.258064516129032	111	105	79.13	47.86	34.99	9.384
0.290322580645161	97	91.55	69.21	39.38	28.48	7.549
0.32258064516129	81.7	75.26	59.2	34.48	24.69	6.525
0.354838709677419	77.19	72.45	57.84	34.01	24.55	6.437
0.387096774193548	74.64	70.83	55.22	30.62	21.85	5.891
0.419354838709677	57.42	53.57	41.22	23.67	17.62	4.782
0.451612903225806	46.61	44.1	35.36	22.84	16.94	4.765
0.483870967741936	38.26	35.96	32.62	22.53	16.28	4.446
0.516129032258065	34.57	32.23	24.44	14.78	10.93	2.986
0.548387096774194	34.12	31.27	22.05	13.31	10.05	2.766
0.580645161290323	31.61	28.19	19.73	10.21	7.126	2.008
0.612903225806452	30.72	26.2	14.77	8.521	6.57	1.836
0.645161290322581	22.61	20.72	14.74	6.62	4.84	1.258
0.67741935483871	14.57	13.3	10.18	6.179	4.502	1.208
0.709677419354839	14.29	13.2	9.624	5.158	3.592	1.012
0.741935483870968	8.949	8.382	6.904	4.182	3.434	0.9492
0.774193548387097	6.849	6.318	4.769	4.009	3.23	0.9171

```
0.806451612903226 4.879 4.573 3.587 2.527 2.175 0.6166
0.838709677419355 3.486 3.201 2.423 1.475 1.3   0.3993
0.870967741935484 3.482 3.194 2.414 1.447 1.066 0.3741
0.903225806451613 3.447 3.193 2.308 1.415 1.054 0.3089
0.935483870967742 3.436 3.19  2.297 1.279 1.015 0.2888
0.967741935483871 3.429 3.169 2.279 1.255 0.9092      0.257

0.1   170.8 160.5 122.2 72.943      54.677      14.873
                              Average of yearly averages:
      5.66413333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lettuce
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as CAtomato0201.out
Chemical: EPTC
PRZM environment: CAtomato_WirrigSTD.txt  modified Tueday, 29 May 2007
at 13:43:54
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  44.75 42.72 34.52 24.18 19.67 5.639
```

1962	27.78	26.73	22.3	20.93	17.44	5.044
1963	46.93	44.2	38.35	25.56	21.69	6.241
1964	22.42	21.2	17.11	12.25	9.361	2.561
1965	22.32	20.99	16.89	10.69	8.452	2.376
1966	22.33	21.23	17.34	13.65	10.64	2.971
1967	37.34	35.42	31.68	23.36	19.31	5.553
1968	22.41	21.26	18.49	13.8	10.99	3.082
1969	138	131	114	71.51	54.13	15.02
1970	85.73	80.74	67	43.91	34.13	9.482
1971	22.43	21.13	16.66	10.37	7.692	2.07
1972	22.31	21.06	16.73	12.94	10.27	2.857
1973	32.74	31.28	27.57	20.14	15.55	4.32
1974	64.44	60.94	49.71	32.66	24.61	6.717
1975	35.72	33.91	27.51	19.06	14.48	4.045
1976	49.16	46.5	39.5	25.94	22.7	6.742
1977	45.83	43.33	34.64	22.21	16.65	4.511
1978	40.95	38.72	31.39	23.18	17.78	4.899
1979	42.68	40.75	35.25	24.1	18.4	5.003
1980	45.74	43.17	36.58	24.28	18.29	4.934
1981	41.12	38.74	31.82	23.38	19.08	5.335
1982	83.72	78.76	61.84	39.6	29.98	8.181
1983	88.89	86.22	73.39	47.15	36.71	10.23
1984	22.45	21.53	18.18	14.67	11.89	3.317
1985	22.79	21.92	19.99	16.02	13.04	3.731
1986	33.72	31.68	26.25	22.5	18.24	5.202
1987	73.62	70.03	57.35	37.04	28.13	7.78
1988	32.62	30.76	25.94	18.11	14.25	4.023
1989	37.89	36.21	30.19	22.27	17.52	4.834
1990	76.13	73.41	60.6	39.87	31.42	8.847

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	138	131	114	71.51	54.13	15.02
0.0645161290322581		88.89	86.22	73.39	47.15	36.71 10.23
0.0967741935483871		85.73	80.74	67	43.91	34.13 9.482
0.129032258064516	83.72	78.76	61.84	39.87	31.42	8.847
0.161290322580645	76.13	73.41	60.6	39.6	29.98	8.181
0.193548387096774	73.62	70.03	57.35	37.04	28.13	7.78
0.225806451612903	64.44	60.94	49.71	32.66	24.61	6.742
0.258064516129032	49.16	46.5	39.5	25.94	22.7	6.717
0.290322580645161	46.93	44.2	38.35	25.56	21.69	6.241
0.32258064516129	45.83	43.33	36.58	24.28	19.67	5.639
0.354838709677419	45.74	43.17	35.25	24.18	19.31	5.553
0.387096774193548	44.75	42.72	34.64	24.1	19.08	5.335
0.419354838709677	42.68	40.75	34.52	23.38	18.4	5.202
0.451612903225806	41.12	38.74	31.82	23.36	18.29	5.044
0.483870967741936	40.95	38.72	31.68	23.18	18.24	5.003
0.516129032258065	37.89	36.21	31.39	22.5	17.78	4.934
0.548387096774194	37.34	35.42	30.19	22.27	17.52	4.899
0.580645161290323	35.72	33.91	27.57	22.21	17.44	4.834
0.612903225806452	33.72	31.68	27.51	20.93	16.65	4.511
0.645161290322581	32.74	31.28	26.25	20.14	15.55	4.32
0.67741935483871	32.62	30.76	25.94	19.06	14.48	4.045
0.709677419354839	27.78	26.73	22.3	18.11	14.25	4.023
0.741935483870968	22.79	21.92	19.99	16.02	13.04	3.731
0.774193548387097	22.45	21.53	18.49	14.67	11.89	3.317
0.806451612903226	22.43	21.26	18.18	13.8	10.99	3.082

```
0.838709677419355 22.42 21.23 17.34 13.65 10.64 2.971
0.870967741935484 22.41 21.2  17.11 12.94 10.27 2.857
0.903225806451613 22.33 21.13 16.89 12.25 9.361 2.561
0.935483870967742 22.32 21.06 16.73 10.69 8.452 2.376
0.967741935483871 22.31 20.99 16.66 10.37 7.692 2.07

0.1   85.529      80.542      66.484      43.506      33.859
      9.4185
                              Average of yearly averages:
      5.51823333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CAtomato0201
Metfile:    w93193.dvf
PRZM scenario:    CAtomato_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.065 fraction of application rate applied to pond
Application Date  Date  02-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as CAtomato930.out
Chemical: EPTC
PRZM environment: CAtomato_WirrigSTD.txt  modified Tueday, 29 May 2007
at 13:43:54
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  23.76 22.81 21.29 15.19 14.89 3.782
```

1962	22.41	21.04	18.14	12.75	9.927	4.25
1963	24.6	23.22	20.62	17.24	14.27	4.144
1964	32.46	30.6	25.45	18.97	15.99	4.755
1965	22.36	21.06	17.02	12.58	10.73	3.452
1966	22.33	20.99	16.64	11.63	10.27	3.207
1967	22.35	21.11	17.17	12.63	11.38	3.569
1968	46.63	44.15	36.36	29.58	24.74	6.943
1969	22.41	21.13	16.81	12.82	10.73	3.81
1970	22.35	20.99	16.55	11.04	11.72	3.713
1971	22.34	20.82	16.13	10.33	8.042	2.877
1972	24.89	23.59	19.82	15.43	13.87	3.886
1973	37.09	35.1	28.17	19.96	15.74	4.684
1974	33.14	31.32	25.59	19.32	17.18	4.967
1975	22.4	21.13	16.68	14.94	12.68	4.331
1976	137	131	107	72.75	57.72	15.45
1977	22.49	21.1	16.77	11.5	9.501	5.06
1978	22.34	21.04	16.88	12.25	10.82	3.652
1979	22.33	20.91	16.19	10.69	8.661	2.838
1980	22.32	20.97	16.64	10.88	8.652	2.541
1981	22.32	20.81	16.12	11.88	9.395	3
1982	35.77	33.71	27.89	21.23	19.01	5.204
1983	38.21	35.79	28.31	19.37	15.5	4.985
1984	22.34	20.93	17.75	12.35	10.11	3.271
1985	25.44	24.2	20.05	18.66	16.35	4.747
1986	22.38	21.02	16.74	10.86	10.28	3.736
1987	22.39	21.16	17.11	11.97	9.544	4.173
1988	22.33	21.09	17.14	13.31	12.26	3.555
1989	22.36	21.04	16.7	11.12	9.294	3.544
1990	22.34	21.1	17.29	11.97	10.08	3.507

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	137	131	107	72.75	57.72	15.45
0.0645161290322581		46.63	44.15	36.36	29.58	24.74	6.943
0.0967741935483871		38.21	35.79	28.31	21.23	19.01	5.204
0.129032258064516	37.09	35.1	28.17	19.96	17.18	5.06
0.161290322580645	35.77	33.71	27.89	19.37	16.35	4.985
0.193548387096774	33.14	31.32	25.59	19.32	15.99	4.967
0.225806451612903	32.46	30.6	25.45	18.97	15.74	4.755
0.258064516129032	25.44	24.2	21.29	18.66	15.5	4.747
0.290322580645161	24.89	23.59	20.62	17.24	14.89	4.684
0.32258064516129	24.6	23.22	20.05	15.43	14.27	4.331
0.354838709677419	23.76	22.81	19.82	15.19	13.87	4.25
0.387096774193548	22.49	21.16	18.14	14.94	12.68	4.173
0.419354838709677	22.41	21.13	17.75	13.31	12.26	4.144
0.451612903225806	22.41	21.13	17.29	12.82	11.72	3.886
0.483870967741936	22.4	21.11	17.17	12.75	11.38	3.81
0.516129032258065	22.39	21.1	17.14	12.63	10.82	3.782
0.548387096774194	22.38	21.1	17.11	12.58	10.73	3.736
0.580645161290323	22.36	21.09	17.02	12.35	10.73	3.713
0.612903225806452	22.36	21.06	16.88	12.25	10.28	3.652
0.645161290322581	22.35	21.04	16.81	11.97	10.27	3.569
0.67741935483871	22.35	21.04	16.77	11.97	10.11	3.555
0.709677419354839	22.34	21.04	16.74	11.88	10.08	3.544
0.741935483870968	22.34	21.02	16.7	11.63	9.927	3.507
0.774193548387097	22.34	20.99	16.68	11.5	9.544	3.452
0.806451612903226	22.34	20.99	16.64	11.12	9.501	3.271

```
0.838709677419355 22.33 20.97 16.64 11.04 9.395 3.207
0.870967741935484 22.33 20.93 16.55 10.88 9.294 3
0.903225806451613 22.33 20.91 16.19 10.86 8.661 2.877
0.935483870967742 22.32 20.82 16.13 10.69 8.652 2.838
0.967741935483871 22.32 20.81 16.12 10.33 8.042 2.541

0.1   38.098      35.721      28.296      21.103      18.827
      5.1896
                              Average of yearly averages:
      4.38776666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CAtomato930
Metfile:    w93193.dvf
PRZM scenario:    CAtomato_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.065 fraction of application rate applied to pond
Application Date  Date  30-09 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as cot0903.out
Chemical: EPTC
PRZM environment: CAcotton_WirrigSTD.txt  modified Tueday, 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  3.429 3.199 2.778 1.822 1.358 0.3702
```

1962 8.727 8.196 6.33 3.976 2.935 0.7963
1963 34.3 31.87 27.72 18.66 13.72 3.674
1964 3.486 3.248 2.488 1.486 1.079 0.307
1965 10.04 9.415 7.036 4.31 3.214 0.8677
1966 3.443 3.211 2.437 1.44 1.058 0.2888
1967 7.723 7.193 5.617 3.698 2.808 0.7764
1968 12.52 11.67 8.841 6.591 4.914 1.328
1969 17.99 16.58 12.04 6.734 5.201 1.438
1970 3.454 3.226 2.457 1.416 1.026 0.2861
1971 20.51 18.88 13.64 7.495 5.638 1.58
1972 3.456 3.226 2.452 1.41 1.022 0.2815
1973 31.03 29.11 21.98 12.74 9.371 2.553
1974 17.32 16.49 12.98 7.555 5.694 1.567
1975 3.455 3.228 2.467 1.504 1.113 0.3155
1976 3.435 3.205 2.439 1.489 1.099 0.2957
1977 10.41 9.661 7.881 4.617 3.329 0.8837
1978 19.16 17.83 14.22 8.269 6.277 1.707
1979 3.982 3.717 3.09 1.991 1.441 0.3922
1980 3.433 3.178 2.346 1.332 0.9523   0.2515
1981 24.89 23.19 17.39 9.948 7.177 1.89
1982 33.63 31.8 25.07 14.72 10.7 2.844
1983 14.03 13.19 10.83 6.429 4.675 1.252
1984 3.448 3.219 2.448 1.39 0.9946   0.2685
1985 3.434 3.231 2.525 1.518 1.105 0.2987
1986 74.31 69.65 53.75 31.53 22.86 6.181
1987 12.66 11.85 9.07 5.511 4.148 1.17
1988 26.1 24.48 19.74 12.27 9.015 2.63
1989 34.35 31.9 23.54 13.26 9.676 2.621
1990 10.79 10.03 7.427 4.191 3.541 1.042

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 74.31 69.65 53.75 31.53 22.86 6.181
0.0645161290322581   34.35 31.9 27.72 18.66 13.72 3.674
0.0967741935483871   34.3 31.87 25.07 14.72 10.7 2.844
0.129032258064516 33.63 31.8 23.54 13.26 9.676 2.63
0.161290322580645 31.03 29.11 21.98 12.74 9.371 2.621
0.193548387096774 26.1 24.48 19.74 12.27 9.015 2.553
0.225806451612903 24.89 23.19 17.39 9.948 7.177 1.89
0.258064516129032 20.51 18.88 14.22 8.269 6.277 1.707
0.290322580645161 19.16 17.83 13.64 7.555 5.694 1.58
0.32258064516129 17.99 16.58 12.98 7.495 5.638 1.567
0.354838709677419 17.32 16.49 12.04 6.734 5.201 1.438
0.387096774193548 14.03 13.19 10.83 6.591 4.914 1.328
0.419354838709677 12.66 11.85 9.07 6.429 4.675 1.252
0.451612903225806 12.52 11.67 8.841 5.511 4.148 1.17
0.483870967741936 10.79 10.03 7.881 4.617 3.541 1.042
0.516129032258065 10.41 9.661 7.427 4.31 3.329 0.8837
0.548387096774194 10.04 9.415 7.036 4.191 3.214 0.8677
0.580645161290323 8.727 8.196 6.33 3.976 2.935 0.7963
0.612903225806452 7.723 7.193 5.617 3.698 2.808 0.7764
0.645161290322581 3.982 3.717 3.09 1.991 1.441 0.3922
0.67741935483871 3.486 3.248 2.778 1.822 1.358 0.3702
0.709677419354839 3.456 3.231 2.525 1.518 1.113 0.3155
0.741935483870968 3.455 3.228 2.488 1.504 1.105 0.307
0.774193548387097 3.454 3.226 2.467 1.489 1.099 0.2987
0.806451612903226 3.448 3.226 2.457 1.486 1.079 0.2957

```
0.838709677419355 3.443 3.219 2.452 1.44  1.058 0.2888
0.870967741935484 3.435 3.211 2.448 1.416 1.026 0.2861
0.903225806451613 3.434 3.205 2.439 1.41  1.022 0.2815
0.935483870967742 3.433 3.199 2.437 1.39  0.9946      0.2685
0.967741935483871 3.429 3.178 2.346 1.332 0.9523      0.2515

0.1   34.233      31.863      24.917      14.574      10.5976
      2.8226
                              Average of yearly averages:   1.33856

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: cot0903
Metfile:    w93193.dvf
PRZM scenario:    CAcotton_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  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
      IPSCND
      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)
stored as lett0801.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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  15.31 14.85 13.13 8.062 5.51  1.623
1962  7.544 7.27  6.298 4.815 3.83  1.659
```

1963 6.865 6.449 5.144 3.536 2.705 1.121
1964 22.55 21.15 17.05 10.57 7.279 2.111
1965 9.635 8.945 7.497 4.327 2.969 1.254
1966 8.916 8.324 6.506 4.536 3.104 1.229
1967 3.828 3.58 2.968 1.733 1.233 0.7545
1968 26.64 24.87 19.08 11.44 8.23 2.367
1969 5.935 5.523 4.258 2.5   1.75 0.8853
1970 12.34 11.44 9.018 4.493 3.061 1.106
1971 3.615 3.387 2.625 1.603 1.181 0.5804
1972 8.326 8.004 6.391 4.924 3.845 1.198
1973 5.077 4.823 4.104 2.572 1.791 0.835
1974 18.64 17.34 12.77 8.86 6.382 1.916
1975 6.838 6.372 4.839 2.989 2.238 0.9765
1976 46.46 42.63 30.67 27.34 21.83 6.023
1977 5.883 5.455 2.417 1.443 1.15 0.7534
1978 83.74 78.05 59.13 35.84 27.06 7.674
1979 4.509 4.195 3.13 2.173 1.961 1.188
1980 7.201 6.792 5.382 2.438 1.739 0.8394
1981 6.666 6.158 4.511 3.015 2.146 1.204
1982 5.234 4.919 4.312 3.081 2.242 0.911
1983 14.08 13.19 9.656 6.126 4.597 1.489
1984 4.444 4.207 3.805 2.694 2.051 0.8088
1985 7.669 7.136 5.907 4.071 3.075 1.285
1986 15.27 13.84 9.581 5.429 4.594 1.535
1987 9.479 8.922 6.715 3.775 2.615 1.007
1988 3.645 3.293 2.361 0.8847   0.6099   0.3379
1989 3.435 3.067 1.993 1.035 0.9754   0.415
1990 3.432 3.154 2.267 1.541 1.43 0.4629

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 83.74 78.05 59.13 35.84 27.06 7.674
0.0645161290322581   46.46 42.63 30.67 27.34 21.83 6.023
0.0967741935483871   26.64 24.87 19.08 11.44 8.23 2.367
0.129032258064516 22.55 21.15 17.05 10.57 7.279 2.111
0.161290322580645 18.64 17.34 13.13 8.86 6.382 1.916
0.193548387096774 15.31 14.85 12.77 8.062 5.51 1.659
0.225806451612903 15.27 13.84 9.656 6.126 4.597 1.623
0.258064516129032 14.08 13.19 9.581 5.429 4.594 1.535
0.290322580645161 12.34 11.44 9.018 4.924 3.845 1.489
0.32258064516129 9.635 8.945 7.497 4.815 3.83 1.285
0.354838709677419 9.479 8.922 6.715 4.536 3.104 1.254
0.387096774193548 8.916 8.324 6.506 4.493 3.075 1.229
0.419354838709677 8.326 8.004 6.391 4.327 3.061 1.204
0.451612903225806 7.669 7.27 6.298 4.071 2.969 1.198
0.483870967741936 7.544 7.136 5.907 3.775 2.705 1.188
0.516129032258065 7.201 6.792 5.382 3.536 2.615 1.121
0.548387096774194 6.865 6.449 5.144 3.081 2.242 1.106
0.580645161290323 6.838 6.372 4.839 3.015 2.238 1.007
0.612903225806452 6.666 6.158 4.511 2.989 2.146 0.9765
0.645161290322581 5.935 5.523 4.312 2.694 2.051 0.911
0.67741935483871 5.883 5.455 4.258 2.572 1.961 0.8853
0.709677419354839 5.234 4.919 4.104 2.5   1.791 0.8394
0.741935483870968 5.077 4.823 3.805 2.438 1.75 0.835
0.774193548387097 4.509 4.207 3.13 2.173 1.739 0.8088
0.806451612903226 4.444 4.195 2.968 1.733 1.43 0.7545
0.838709677419355 3.828 3.58 2.625 1.603 1.233 0.7534

```
0.870967741935484 3.645 3.387 2.417 1.541 1.181 0.5804
0.903225806451613 3.615 3.293 2.361 1.443 1.15  0.4629
0.935483870967742 3.435 3.154 2.267 1.035 0.9754      0.415
0.967741935483871 3.432 3.067 1.993 0.8847      0.6099      0.3379

0.1   26.231      24.498      18.877      11.353      8.1349
      2.3414
                              Average of yearly averages:
      1.51830333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0801
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-08 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0830.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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  28.97 28.1  24.84 15.26 10.47 2.786
1962  14.28 13.76 11.93 9.136 7.271 2.819
```

1963	12.13	11.39	9.097	6.229	4.783	1.724
1964	38.92	36.49	29.41	18.22	12.61	3.454
1965	16.6	15.41	12.92	7.472	5.193	1.971
1966	15.4	14.38	11.23	7.828	5.42	1.922
1967	6.611	6.181	5.12	3.002	2.192	1.098
1968	46.05	43.01	32.99	19.76	14.25	3.91
1969	10.27	9.552	7.361	4.319	3.081	1.321
1970	21.26	19.7	15.53	7.757	5.353	1.731
1971	6.219	5.827	4.514	2.756	2.029	0.8367
1972	14.36	13.81	11.03	8.549	6.698	1.91
1973	8.782	8.343	7.091	4.455	3.166	1.254
1974	32.09	29.84	21.98	15.28	11.07	3.131
1975	11.76	10.96	8.323	5.14	3.848	1.481
1976	76.46	71.42	54.07	40.92	31.21	8.223
1977	10.12	9.383	4.163	2.807	2.209	1.173
1978	145	135	103	62.13	46.89	13.02
1979	8.203	7.628	5.678	3.897	3.331	1.861
1980	12.4	11.7	9.264	4.221	3.07	1.222
1981	11.57	10.69	7.824	5.217	3.771	1.879
1982	11.12	10.45	9.118	6.533	4.779	1.577
1983	31.46	29.47	21.55	13.71	10.31	2.961
1984	7.772	7.358	6.641	4.716	3.683	1.31
1985	13.4	12.46	10.31	7.107	5.418	1.987
1986	26.78	24.26	16.79	9.493	8.007	2.488
1987	16.39	15.43	11.61	6.521	4.574	1.564
1988	6.269	5.664	4.061	1.516	1.086	0.4773
1989	3.767	3.38	2.226	1.756	1.33	0.5939
1990	5.169	4.799	3.621	2.665	2.108	0.6426

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	145	135	103	62.13	46.89	13.02
0.0645161290322581		76.46	71.42	54.07	40.92	31.21 8.223
0.0967741935483871		46.05	43.01	32.99	19.76	14.25 3.91
0.129032258064516	38.92	36.49	29.41	18.22	12.61	3.454
0.161290322580645	32.09	29.84	24.84	15.28	11.07	3.131
0.193548387096774	31.46	29.47	21.98	15.26	10.47	2.961
0.225806451612903	28.97	28.1	21.55	13.71	10.31	2.819
0.258064516129032	26.78	24.26	16.79	9.493	8.007	2.786
0.290322580645161	21.26	19.7	15.53	9.136	7.271	2.488
0.32258064516129	16.6	15.43	12.92	8.549	6.698	1.987
0.354838709677419	16.39	15.41	11.93	7.828	5.42	1.971
0.387096774193548	15.4	14.38	11.61	7.757	5.418	1.922
0.419354838709677	14.36	13.81	11.23	7.472	5.353	1.91
0.451612903225806	14.28	13.76	11.03	7.107	5.193	1.879
0.483870967741936	13.4	12.46	10.31	6.533	4.783	1.861
0.516129032258065	12.4	11.7	9.264	6.521	4.779	1.731
0.548387096774194	12.13	11.39	9.118	6.229	4.574	1.724
0.580645161290323	11.76	10.96	9.097	5.217	3.848	1.577
0.612903225806452	11.57	10.69	8.323	5.14	3.771	1.564
0.645161290322581	11.12	10.45	7.824	4.716	3.683	1.481
0.67741935483871	10.27	9.552	7.361	4.455	3.331	1.321
0.709677419354839	10.12	9.383	7.091	4.319	3.166	1.31
0.741935483870968	8.782	8.343	6.641	4.221	3.081	1.254
0.774193548387097	8.203	7.628	5.678	3.897	3.07	1.222
0.806451612903226	7.772	7.358	5.12	3.002	2.209	1.173
0.838709677419355	6.611	6.181	4.514	2.807	2.192	1.098

```
0.870967741935484 6.269 5.827 4.163 2.756 2.108 0.8367
0.903225806451613 6.219 5.664 4.061 2.665 2.029 0.6426
0.935483870967742 5.169 4.799 3.621 1.756 1.33  0.5939
0.967741935483871 3.767 3.38  2.226 1.516 1.086 0.4773

0.1   45.337      42.358      32.632      19.606      14.086
      3.8644
                              Average of yearly averages:
      2.41091666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0830
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  30-08 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0920.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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  51.88 50.33 44.5  27.4  18.96 4.701
1962  25.56 24.63 21.34 16.34 13    4.754
```

1963	31.67	29.73	23.72	16.34	12.57	3.744
1964	75.51	70.8	57.11	35.4	24.74	6.577
1965	29.81	27.67	23.22	13.49	9.638	3.399
1966	29.15	27.21	21.24	14.86	10.53	3.353
1967	13.85	12.95	10.73	6.362	4.838	1.938
1968	83.15	77.68	59.54	35.63	25.82	6.867
1969	20.18	18.77	14.46	8.485	6.264	2.25
1970	38.1	35.3	27.81	13.99	9.929	2.942
1971	11.13	10.43	8.074	4.926	3.626	1.325
1972	25.86	24.86	19.86	15.61	12.33	3.232
1973	16.96	16.11	13.72	8.682	6.41	2.139
1974	57.38	53.36	39.29	27.46	20.13	5.43
1975	21.02	19.59	14.87	9.18	6.87	2.41
1976	9.807	9.12	6.848	4.075	3.011	0.9573
1977	18.13	16.81	7.467	4.296	3.163	1.522
1978	15.55	14.78	11.85	7.61	5.757	2.785
1979	9.92	9.157	3.925	2.853	2.826	1.259
1980	22.22	20.96	16.59	7.664	5.783	2.078
1981	21.1	19.49	14.25	9.461	7.057	3.141
1982	28.68	26.94	23.34	16.84	12.32	3.441
1983	58.32	54.68	39.95	25.29	18.98	5.335
1984	14.24	13.48	12.13	8.641	6.984	2.147
1985	24.2	22.51	18.6	12.83	9.966	3.302
1986	17.66	16.5	13.09	8.754	6.379	2.139
1987	29.71	28	21.04	11.81	8.575	2.721
1988	11.22	10.13	7.271	2.785	2.304	0.7284
1989	6.211	5.652	3.932	2.103	1.488	0.7111
1990	3.437	3.205	2.468	1.511	1.307	0.5306

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	83.15	77.68	59.54	35.63	25.82	6.867
0.0645161290322581		75.51	70.8	57.11	35.4	24.74	6.577
0.0967741935483871		58.32	54.68	44.5	27.46	20.13	5.43
0.129032258064516	57.38	53.36	39.95	27.4	18.98	5.335
0.161290322580645	51.88	50.33	39.29	25.29	18.96	4.754
0.193548387096774	38.1	35.3	27.81	16.84	13	4.701
0.225806451612903	31.67	29.73	23.72	16.34	12.57	3.744
0.258064516129032	29.81	28	23.34	16.34	12.33	3.441
0.290322580645161	29.71	27.67	23.22	15.61	12.32	3.399
0.32258064516129	29.15	27.21	21.34	14.86	10.53	3.353
0.354838709677419	28.68	26.94	21.24	13.99	9.966	3.302
0.387096774193548	25.86	24.86	21.04	13.49	9.929	3.232
0.419354838709677	25.56	24.63	19.86	12.83	9.638	3.141
0.451612903225806	24.2	22.51	18.6	11.81	8.575	2.942
0.483870967741936	22.22	20.96	16.59	9.461	7.057	2.785
0.516129032258065	21.1	19.59	14.87	9.18	6.984	2.721
0.548387096774194	21.02	19.49	14.46	8.754	6.87	2.41
0.580645161290323	20.18	18.77	14.25	8.682	6.41	2.25
0.612903225806452	18.13	16.81	13.72	8.641	6.379	2.147
0.645161290322581	17.66	16.5	13.09	8.485	6.264	2.139
0.67741935483871	16.96	16.11	12.13	7.664	5.783	2.139
0.709677419354839	15.55	14.78	11.85	7.61	5.757	2.078
0.741935483870968	14.24	13.48	10.73	6.362	4.838	1.938
0.774193548387097	13.85	12.95	8.074	4.926	3.626	1.522
0.806451612903226	11.22	10.43	7.467	4.296	3.163	1.325
0.838709677419355	11.13	10.13	7.271	4.075	3.011	1.259

```
0.870967741935484 9.92  9.157 6.848 2.853 2.826 0.9573
0.903225806451613 9.807 9.12  3.932 2.785 2.304 0.7284
0.935483870967742 6.211 5.652 3.925 2.103 1.488 0.7111
0.967741935483871 3.437 3.205 2.468 1.511 1.307 0.5306

0.1   58.226      54.548      44.045      27.454      20.015
      5.4205
                              Average of yearly averages:
      2.92861333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0920
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  30-09 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as forearly.out
Chemical: EPTC
PRZM environment: CAForestryRLF.txt modified Tueday, 20 February 2007
at 13:06:10
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w24283.dvf     modified Tueday, 2 July 2002 at 19:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  56.8  54.3  41.11 23.68 17.73 4.93
1962  96.66 91.37 72.22 43.2  31.92 8.841
```

1963	8.502	7.99	6.656	4.72	3.461	0.9285
1964	59.4	55.43	41.88	23.95	17.44	4.677
1965	28.28	26.65	21.23	14.13	11.32	3.354
1966	31.79	29.85	23.11	14.33	11.2	3.238
1967	55.18	52.87	46.62	34.15	26.3	7.966
1968	12.67	11.7	8.902	6.536	4.874	1.348
1969	69.51	65.29	50.96	28.93	21.02	5.715
1970	31.23	29.31	24.07	17.24	13.78	4.006
1971	68.21	63.75	48.68	29.91	22.06	5.99
1972	152	142	112	69.79	52.62	14.8
1973	53.34	49.29	38.34	23.17	17.25	4.772
1974	200	189	147	90.07	67.46	18.78
1975	36.45	35.07	27.6	16.88	13.13	3.711
1976	21.57	20.22	16.27	10.59	8.865	2.782
1977	8.408	7.968	6.42	4.538	3.611	1.053
1978	30.05	28.61	21.9	14.08	10.55	2.925
1979	10.48	9.827	7.63	6.097	4.997	1.476
1980	10.61	10.02	8.112	6.394	5.012	1.425
1981	199	187	145	89.72	66.42	18.26
1982	11.67	10.92	9.086	6.057	4.516	1.253
1983	41.89	39.31	34.58	20.32	14.87	4.084
1984	10.84	10.24	8.639	6.858	5.564	1.586
1985	72.39	68.33	54.86	34.16	25.63	7.6
1986	96.26	90.08	70.63	41.89	30.91	8.554
1987	16.32	15.2	12.96	8.693	6.573	1.861
1988	15.09	14.15	11.26	7.337	5.587	1.582
1989	47.29	44.91	36.31	24.21	18.45	5.326
1990	8.462	7.923	6.349	4.407	3.415	0.994

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	200	189	147	90.07	67.46	18.78
0.0645161290322581		199	187	145	89.72	66.42 18.26
0.0967741935483871		152	142	112	69.79	52.62 14.8
0.129032258064516	96.66	91.37	72.22	43.2	31.92	8.841
0.161290322580645	96.26	90.08	70.63	41.89	30.91	8.554
0.193548387096774	72.39	68.33	54.86	34.16	26.3	7.966
0.225806451612903	69.51	65.29	50.96	34.15	25.63	7.6
0.258064516129032	68.21	63.75	48.68	29.91	22.06	5.99
0.290322580645161	59.4	55.43	46.62	28.93	21.02	5.715
0.32258064516129	56.8	54.3	41.88	24.21	18.45	5.326
0.354838709677419	55.18	52.87	41.11	23.95	17.73	4.93
0.387096774193548	53.34	49.29	38.34	23.68	17.44	4.772
0.419354838709677	47.29	44.91	36.31	23.17	17.25	4.677
0.451612903225806	41.89	39.31	34.58	20.32	14.87	4.084
0.483870967741936	36.45	35.07	27.6	17.24	13.78	4.006
0.516129032258065	31.79	29.85	24.07	16.88	13.13	3.711
0.548387096774194	31.23	29.31	23.11	14.33	11.32	3.354
0.580645161290323	30.05	28.61	21.9	14.13	11.2	3.238
0.612903225806452	28.28	26.65	21.23	14.08	10.55	2.925
0.645161290322581	21.57	20.22	16.27	10.59	8.865	2.782
0.67741935483871	16.32	15.2	12.96	8.693	6.573	1.861
0.709677419354839	15.09	14.15	11.26	7.337	5.587	1.586
0.741935483870968	12.67	11.7	9.086	6.858	5.564	1.582
0.774193548387097	11.67	10.92	8.902	6.536	5.012	1.476
0.806451612903226	10.84	10.24	8.639	6.394	4.997	1.425
0.838709677419355	10.61	10.02	8.112	6.097	4.874	1.348

```
0.870967741935484 10.48 9.827 7.63  6.057 4.516 1.253
0.903225806451613 8.502 7.99  6.656 4.72  3.611 1.053
0.935483870967742 8.462 7.968 6.42  4.538 3.461 0.994
0.967741935483871 8.408 7.923 6.349 4.407 3.415 0.9285

0.1   146.466     136.937     108.022     67.131      50.55 14.2041
                              Average of yearly averages:   5.12725

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: forearly
Metfile:    w24283.dvf
PRZM scenario:    CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  16.66 kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lemsig.out
Chemical: EPTC
PRZM environment: CAcitrus_WirrigSTD.txt  modified Tueday, 29 May 2007
at 12:41:26
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  1.714 1.637 1.357 0.8757      0.6583      0.1792
1962  1.717 1.609 1.243 0.9144      0.6953      0.1898
1963  1.717 1.612 1.257 0.8957      0.6735      0.1833
1964  1.718 1.618 1.273 0.7916      0.59  0.1599
```

1965 1.716 1.611 1.253 0.7591 0.5551 0.1479
1966 1.716 1.603 1.31 0.9133 0.6869 0.1863
1967 3.366 3.17 2.503 1.692 1.279 0.3543
1968 1.722 1.638 1.346 0.9002 0.6863 0.1921
1969 1.72 1.639 1.347 0.8799 0.6694 0.1852
1970 1.717 1.605 1.229 0.7616 0.5644 0.152
1971 1.716 1.623 1.298 0.8112 0.5985 0.1595
1972 1.716 1.605 1.231 0.735 0.5373 0.1418
1973 8.206 7.647 5.753 3.284 2.389 0.632
1974 1.722 1.615 1.251 0.7829 0.5845 0.1592
1975 1.717 1.622 1.296 0.8443 0.626 0.1697
1976 1.716 1.613 1.256 0.753 0.5517 0.1467
1977 1.716 1.616 1.27 0.7621 0.5564 0.1487
1978 3.778 3.605 2.764 1.804 1.462 0.413
1979 2.254 2.107 1.618 1.015 0.7653 0.2105
1980 1.718 1.628 1.312 0.8238 0.6182 0.1719
1981 1.718 1.635 1.403 0.9878 0.7698 0.2179
1982 1.718 1.617 1.27 0.8128 0.614 0.1702
1983 7.403 6.995 5.625 3.642 2.783 0.7662
1984 1.728 1.642 1.336 0.8637 0.6518 0.1799
1985 1.717 1.632 1.346 0.8878 0.6765 0.1884
1986 1.717 1.621 1.286 0.8081 0.6082 0.1676
1987 1.717 1.618 1.277 0.802 0.5979 0.1636
1988 1.716 1.53 1.035 0.5041 0.3472 0.08793
1989 1.715 1.552 1.058 0.5304 0.367 0.09328
1990 1.715 1.55 1.051 0.5296 0.3674 0.0933

Sorted results
Prob. Peak 96 hr 21 Day 60 Day 90 Day Yearly
0.032258064516129 8.206 7.647 5.753 3.642 2.783 0.7662
0.0645161290322581 7.403 6.995 5.625 3.284 2.389 0.632
0.0967741935483871 3.778 3.605 2.764 1.804 1.462 0.413
0.129032258064516 3.366 3.17 2.503 1.692 1.279 0.3543
0.161290322580645 2.254 2.107 1.618 1.015 0.7698 0.2179
0.193548387096774 1.728 1.642 1.403 0.9878 0.7653 0.2105
0.225806451612903 1.722 1.639 1.357 0.9144 0.6953 0.1921
0.258064516129032 1.722 1.638 1.347 0.9133 0.6869 0.1898
0.290322580645161 1.72 1.637 1.346 0.9002 0.6863 0.1884
0.32258064516129 1.718 1.635 1.346 0.8957 0.6765 0.1863
0.354838709677419 1.718 1.632 1.336 0.8878 0.6735 0.1852
0.387096774193548 1.718 1.628 1.312 0.8799 0.6694 0.1833
0.419354838709677 1.718 1.623 1.31 0.8757 0.6583 0.1799
0.451612903225806 1.717 1.622 1.298 0.8637 0.6518 0.1792
0.483870967741936 1.717 1.621 1.296 0.8443 0.626 0.1719
0.516129032258065 1.717 1.618 1.286 0.8238 0.6182 0.1702
0.548387096774194 1.717 1.618 1.277 0.8128 0.614 0.1697
0.580645161290323 1.717 1.617 1.273 0.8112 0.6082 0.1676
0.612903225806452 1.717 1.616 1.27 0.8081 0.5985 0.1636
0.645161290322581 1.717 1.615 1.27 0.802 0.5979 0.1599
0.67741935483871 1.716 1.613 1.257 0.7916 0.59 0.1595
0.709677419354839 1.716 1.612 1.256 0.7829 0.5845 0.1592
0.741935483870968 1.716 1.611 1.253 0.7621 0.5644 0.152
0.774193548387097 1.716 1.609 1.251 0.7616 0.5564 0.1487
0.806451612903226 1.716 1.605 1.243 0.7591 0.5551 0.1479
0.838709677419355 1.716 1.605 1.231 0.753 0.5517 0.1467
0.870967741935484 1.716 1.603 1.229 0.735 0.5373 0.1418
0.903225806451613 1.715 1.552 1.058 0.5304 0.3674 0.0933

```
0.935483870967742 1.715 1.55  1.051 0.5296      0.367 0.09328
0.967741935483871 1.714 1.53  1.035 0.5041      0.3472      0.08793

0.1   3.7368      3.5615      2.7379      1.7928      1.4437
      0.40713
                            Average of yearly averages:
      0.213710333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lemsig
Metfile:    w23155.dvf
PRZM scenario:    CAcitrus_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Lesgran.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 11:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  9.295 8.868 7.125 4.482 3.35  0.9162
1962  10.72 10.22 8.226 5.363 4.373 1.244
1963  13.45 12.63 11.21 7.513 5.613 1.523
1964  0.5617      0.532 0.4276      0.2762      0.2075      0.05868
```

```
1965  2.108 1.973 1.517 0.8831      0.6341      0.1679
1966  1.633 1.55  1.224 0.7629      0.5657      0.1539
1967  8.53  8.084 7.302 5.041 3.824 1.052
1968  1.176 1.119 0.9083      0.6699      0.5603      0.1685
1969  47.51 45.63 39.69 25.73 19.28 5.225
1970  28.21 26.56 21.36 14.09 10.65 2.916
1971  0.163 0.1516      0.114 0.07251     0.0563      0.02141
1972  2.23  2.098 1.646 1.014 0.7453      0.1994
1973  4.022 3.793 3.016 2.704 2.203 0.6268
1974  13.44 12.69 10.28 6.561 4.907 1.334
1975  4.897 4.647 3.767 2.417 1.825 0.5089
1976  14.96 14.14 11.46 7.438 5.578 1.52
1977  0.2308      0.2147      0.1785      0.1059      0.07732
      0.02648
1978  11.48 10.83 8.444 5.937 4.603 1.288
1979  8.92  8.419 6.919 4.67  3.542 0.9578
1980  10.08 9.432 7.653 5.123 3.873 1.045
1981  11.85 11.15 9.005 5.984 4.499 1.208
1982  0.4133      0.3913      0.3154      0.1901      0.1408
      0.0412
1983  33.22 31.36 27.03 17.24 12.86 3.466
1984  2.358 2.229 1.783 1.111 0.8166      0.2234
1985  1.757 1.68  1.403 0.9265      0.6965      0.2019
1986  13.48 12.52 9.485 6.871 5.213 1.432
1987  1.713 1.61  1.283 1.012 0.7703      0.228
1988  1.088 1.026 0.815 0.6552      0.5602      0.1709
1989  2.879 2.751 2.292 1.841 1.626 0.4707
1990  21.7  20.72 16.97 11.2  8.503 2.334

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 47.51 45.63 39.69 25.73 19.28 5.225
0.0645161290322581      33.22 31.36 27.03 17.24 12.86 3.466
0.0967741935483871      28.21 26.56 21.36 14.09 10.65 2.916
0.129032258064516 21.7  20.72 16.97 11.2  8.503 2.334
0.161290322580645 14.96 14.14 11.46 7.513 5.613 1.523
0.193548387096774 13.48 12.69 11.21 7.438 5.578 1.52
0.225806451612903 13.45 12.63 10.28 6.871 5.213 1.432
0.258064516129032 13.44 12.52 9.485 6.561 4.907 1.334
0.290322580645161 11.85 11.15 9.005 5.984 4.603 1.288
0.32258064516129  11.48 10.83 8.444 5.937 4.499 1.244
0.354838709677419 10.72 10.22 8.226 5.363 4.373 1.208
0.387096774193548 10.08 9.432 7.653 5.123 3.873 1.052
0.419354838709677 9.295 8.868 7.302 5.041 3.824 1.045
0.451612903225806 8.92  8.419 7.125 4.67  3.542 0.9578
0.483870967741936 8.53  8.084 6.919 4.482 3.35  0.9162
0.516129032258065 4.897 4.647 3.767 2.704 2.203 0.6268
0.548387096774194 4.022 3.793 3.016 2.417 1.825 0.5089
0.580645161290323 2.879 2.751 2.292 1.841 1.626 0.4707
0.612903225806452 2.358 2.229 1.783 1.111 0.8166      0.228
0.645161290322581 2.23  2.098 1.646 1.014 0.7703      0.2234
0.67741935483871  2.108 1.973 1.517 1.012 0.7453      0.2019
0.709677419354839 1.757 1.68  1.403 0.9265      0.6965      0.1994
0.741935483870968 1.713 1.61  1.283 0.8831      0.6341      0.1709
0.774193548387097 1.633 1.55  1.224 0.7629      0.5657      0.1685
0.806451612903226 1.176 1.119 0.9083      0.6699      0.5603
      0.1679
```

```
0.838709677419355 1.088 1.026 0.815 0.6552      0.5602      0.1539
0.870967741935484 0.5617      0.532 0.4276      0.2762      0.2075
      0.05868
0.903225806451613 0.4133      0.3913      0.3154      0.1901
      0.1408      0.0412
0.935483870967742 0.2308      0.2147      0.1785      0.1059
      0.07732     0.02648
0.967741935483871 0.163 0.1516      0.114 0.07251     0.0563
      0.02141

0.1   27.559      25.976      20.921      13.801      10.4353
      2.8578
                            Average of yearly averages:
      1.02430233333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Lesgran
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.48  kg/ha
Application Efficiency: APPEFF      1.00  fraction
Spray Drift DRFT  0.00  fraction of application rate applied to pond
Application Date  Date  5-01  dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Lespray.out
Chemical: EPTC
PRZM environment: CAalfalfa_WirrigOP.txt  modified Thuday, 14 June 2007
at 11:20:44
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
```

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	12.62	12.04	9.679	6.118	4.67	1.307
1962	14.64	13.97	11.24	7.775	6.279	1.802
1963	16.86	15.83	14.2	9.484	7.104	1.997
1964	2.475	2.342	2.048	1.386	1.044	0.2853
1965	4.066	3.808	2.941	1.726	1.586	0.4974
1966	3.435	3.261	2.583	1.902	1.463	0.4059
1967	11.76	11.14	9.929	6.831	5.24	1.474
1968	2.514	2.393	1.951	1.815	1.538	0.4428
1969	43.45	40.77	34.6	21.7	16.23	4.406
1970	28.94	27.24	21.4	13.74	10.48	2.875
1971	2.246	2.117	1.67	1.027	0.7858	0.218
1972	3.82	3.597	2.831	2.038	1.608	0.4447
1973	6.577	6.2	4.928	4.023	3.202	0.9014
1974	2.221	2.098	1.67	1.115	0.8832	0.2485
1975	2.209	2.096	1.695	1.078	0.8269	0.2319
1976	19.09	18.05	14.7	9.547	7.176	2.056
1977	2.252	2.13	1.705	1.075	0.8584	0.2402
1978	21.61	20.42	15.97	11.97	9.148	2.509
1979	2.368	2.293	1.858	1.547	1.245	0.3459
1980	18.95	17.73	13.6	10.6	8.223	2.248
1981	15.38	14.48	11.67	7.856	5.959	1.63
1982	2.229	2.098	1.649	1.079	0.9187	0.2635
1983	40.59	38.32	33.09	21.17	15.78	4.271
1984	4.047	3.829	3.07	2.238	1.806	0.5036
1985	3.736	3.575	2.993	2.235	1.839	0.5262
1986	17.51	16.27	12.5	9.082	6.883	1.967
1987	3.335	3.135	2.495	1.989	1.76	0.5217
1988	3.28	3.092	2.48	1.832	1.482	0.4232
1989	2.891	2.69	2.026	1.851	1.627	0.468
1990	3.759	3.53	2.763	2.138	1.692	0.4738

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	43.45	40.77	34.6	21.7	16.23	4.406
0.0645161290322581		40.59	38.32	33.09	21.17	15.78	4.271
0.0967741935483871		28.94	27.24	21.4	13.74	10.48	2.875
0.129032258064516	21.61	20.42	15.97	11.97	9.148	2.509
0.161290322580645	19.09	18.05	14.7	10.6	8.223	2.248
0.193548387096774	18.95	17.73	14.2	9.547	7.176	2.056
0.225806451612903	17.51	16.27	13.6	9.484	7.104	1.997
0.258064516129032	16.86	15.83	12.5	9.082	6.883	1.967
0.290322580645161	15.38	14.48	11.67	7.856	6.279	1.802
0.32258064516129	14.64	13.97	11.24	7.775	5.959	1.63
0.354838709677419	12.62	12.04	9.929	6.831	5.24	1.474
0.387096774193548	11.76	11.14	9.679	6.118	4.67	1.307
0.419354838709677	6.577	6.2	4.928	4.023	3.202	0.9014
0.451612903225806	4.066	3.829	3.07	2.238	1.839	0.5262
0.483870967741936	4.047	3.808	2.993	2.235	1.806	0.5217
0.516129032258065	3.82	3.597	2.941	2.138	1.76	0.5036
0.548387096774194	3.759	3.575	2.831	2.038	1.692	0.4974
0.580645161290323	3.736	3.53	2.763	1.989	1.627	0.4738
0.612903225806452	3.435	3.261	2.583	1.902	1.608	0.468
0.645161290322581	3.335	3.135	2.495	1.851	1.586	0.4447
0.67741935483871	3.28	3.092	2.48	1.832	1.538	0.4428

```
0.709677419354839 2.891 2.69  2.048 1.815 1.482 0.4232
0.741935483870968 2.514 2.393 2.026 1.726 1.463 0.4059
0.774193548387097 2.475 2.342 1.951 1.547 1.245 0.3459
0.806451612903226 2.368 2.293 1.858 1.386 1.044 0.2853
0.838709677419355 2.252 2.13  1.705 1.115 0.9187      0.2635
0.870967741935484 2.246 2.117 1.695 1.079 0.8832      0.2485
0.903225806451613 2.229 2.098 1.67  1.078 0.8584      0.2402
0.935483870967742 2.221 2.098 1.67  1.075 0.8269      0.2319
0.967741935483871 2.209 2.096 1.649 1.027 0.7858      0.218

0.1   28.207      26.558      20.857      13.563      10.3468
      2.8384
                              Average of yearly averages:
      1.19946666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Lespray
Metfile:    w93193.dvf
PRZM scenario:    CAalfalfa_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0501.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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	3.429	3.143	2.257	1.384	0.9375	0.4732
1962	3.529	3.247	2.346	1.336	0.9885	0.487
1963	3.452	3.188	2.334	1.313	0.9452	0.3656
1964	3.437	3.149	2.529	1.562	1.073	0.4978
1965	3.457	3.168	2.257	1.237	0.8892	0.4003
1966	3.45	3.194	2.357	1.332	0.9566	0.4029
1967	3.445	3.161	2.26	1.247	0.898	0.3056
1968	4.633	4.325	3.321	1.992	1.432	0.5888
1969	3.455	3.17	2.265	1.238	0.8867	0.3403
1970	3.44	3.13	2.171	1.151	0.8178	0.3655
1971	33.51	30.36	21.03	11.21	8.127	2.278
1972	3.451	3.146	2.199	1.174	0.8357	0.4034
1973	3.447	3.189	2.351	1.341	0.9706	0.3582
1974	3.44	3.143	2.289	1.587	1.139	0.5206
1975	3.478	3.209	2.343	1.328	0.9633	0.3757
1976	7.887	7.237	5.211	4.7	3.76	1.233
1977	63.24	58.23	41.31	22.87	16.55	4.492
1978	14.66	13.67	10.35	6.279	4.743	1.511
1979	3.497	3.234	2.382	1.362	0.9912	0.4176
1980	3.441	3.171	2.302	1.285	0.928	0.3338
1981	3.457	3.159	2.228	1.208	0.8671	0.3822
1982	3.442	3.172	2.305	1.29	0.929	0.3519
1983	3.438	3.099	2.082	1.089	0.8179	0.4161
1984	3.439	3.099	2.078	1.063	0.7512	0.2967
1985	3.459	3.217	2.417	1.446	1.082	0.468
1986	3.442	3.106	2.095	1.071	0.8185	0.4309
1987	3.444	3.135	2.181	1.162	0.8259	0.3495
1988	3.433	2.951	1.696	0.7464	0.5095	0.1589
1989	3.433	2.995	1.804	0.8231	0.5641	0.1844
1990	3.43	3.035	1.911	1.163	0.8322	0.2465

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	63.24	58.23	41.31	22.87	16.55	4.492
0.0645161290322581	33.51	30.36	21.03	11.21	8.127	2.278
0.0967741935483871	14.66	13.67	10.35	6.279	4.743	1.511
0.129032258064516	7.887	7.237	5.211	4.7	3.76	1.233
0.161290322580645	4.633	4.325	3.321	1.992	1.432	0.5888
0.193548387096774	3.529	3.247	2.529	1.587	1.139	0.5206
0.225806451612903	3.497	3.234	2.417	1.562	1.082	0.4978
0.258064516129032	3.478	3.217	2.382	1.446	1.073	0.487
0.290322580645161	3.459	3.209	2.357	1.384	0.9912	0.4732
0.32258064516129	3.457	3.194	2.351	1.362	0.9885	0.468
0.354838709677419	3.457	3.189	2.346	1.341	0.9706	0.4309
0.387096774193548	3.455	3.188	2.343	1.336	0.9633	0.4176
0.419354838709677	3.452	3.172	2.334	1.332	0.9566	0.4161
0.451612903225806	3.451	3.171	2.305	1.328	0.9452	0.4034
0.483870967741936	3.45	3.17	2.302	1.313	0.9375	0.4029
0.516129032258065	3.447	3.168	2.289	1.29	0.929	0.4003
0.548387096774194	3.445	3.161	2.265	1.285	0.928	0.3822
0.580645161290323	3.444	3.159	2.26	1.247	0.898	0.3757
0.612903225806452	3.442	3.149	2.257	1.238	0.8892	0.3656
0.645161290322581	3.442	3.146	2.257	1.237	0.8867	0.3655
0.67741935483871	3.441	3.143	2.228	1.208	0.8671	0.3582

```
0.709677419354839 3.44  3.143 2.199 1.174 0.8357      0.3519
0.741935483870968 3.44  3.135 2.181 1.163 0.8322      0.3495
0.774193548387097 3.439 3.13  2.171 1.162 0.8259      0.3403
0.806451612903226 3.438 3.106 2.095 1.151 0.8185      0.3338
0.838709677419355 3.437 3.099 2.082 1.089 0.8179      0.3056
0.870967741935484 3.433 3.099 2.078 1.071 0.8178      0.2967
0.903225806451613 3.433 3.035 1.911 1.063 0.7512      0.2465
0.935483870967742 3.43  2.995 1.804 0.8231      0.5641      0.1844
0.967741935483871 3.429 2.951 1.696 0.7464      0.5095      0.1589

0.1   13.9827     13.0267     9.8361      6.1211      4.6447
      1.4832
                              Average of yearly averages:
      0.647846666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0501
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-05 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0601.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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	4.838	4.694	4.148	2.545	1.728	0.7054
1962	3.52	3.284	2.498	1.529	1.213	0.7254
1963	3.451	3.164	2.256	1.251	0.91	0.5033
1964	6.706	6.289	5.064	3.135	2.152	0.7747
1965	3.462	3.178	2.391	1.379	0.9369	0.5499
1966	3.454	3.158	2.231	1.222	0.8811	0.5028
1967	3.447	3.172	2.294	1.288	0.9345	0.3756
1968	8.496	7.934	6.09	3.653	2.626	0.9102
1969	3.461	3.161	2.225	1.219	0.8834	0.4275
1970	3.866	3.582	2.825	1.405	0.9499	0.4935
1971	3.45	3.141	2.187	1.165	0.8284	0.325
1972	3.432	3.128	2.183	1.534	1.196	0.5232
1973	3.45	3.18	2.311	1.306	0.9465	0.4321
1974	5.96	5.543	4.084	2.83	2.031	0.7552
1975	3.484	3.215	2.35	1.339	0.9776	0.4773
1976	14.12	12.95	9.324	8.399	6.717	2.024
1977	3.481	3.221	2.377	1.363	0.9906	0.4099
1978	26.18	24.41	18.49	11.21	8.463	2.579
1979	3.511	3.239	2.364	1.352	0.988	0.5429
1980	3.442	3.158	2.257	1.271	0.9337	0.4162
1981	3.457	3.172	2.268	1.263	0.9161	0.5324
1982	3.443	3.164	2.276	1.269	0.9182	0.4331
1983	4.451	4.17	3.054	1.942	1.458	0.5972
1984	3.441	3.127	2.161	1.15	0.8202	0.3958
1985	3.458	3.247	2.53	1.579	1.191	0.6324
1986	4.83	4.377	3.032	1.721	1.46	0.621
1987	3.446	3.149	2.22	1.198	0.854	0.4633
1988	3.433	2.996	1.806	0.8267	0.567	0.2009
1989	3.433	3.018	1.863	0.8706	0.5997	0.2293
1990	3.431	3.062	1.988	1.003	0.7125	0.2568

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	26.18	24.41	18.49	11.21	8.463	2.579
0.0645161290322581	14.12	12.95	9.324	8.399	6.717	2.024
0.0967741935483871	8.496	7.934	6.09	3.653	2.626	0.9102
0.129032258064516	6.706	6.289	5.064	3.135	2.152	0.7747
0.161290322580645	5.96	5.543	4.148	2.83	2.031	0.7552
0.193548387096774	4.838	4.694	4.084	2.545	1.728	0.7254
0.225806451612903	4.83	4.377	3.054	1.942	1.46	0.7054
0.258064516129032	4.451	4.17	3.032	1.721	1.458	0.6324
0.290322580645161	3.866	3.582	2.825	1.579	1.213	0.621
0.32258064516129	3.52	3.284	2.53	1.534	1.196	0.5972
0.354838709677419	3.511	3.247	2.498	1.529	1.191	0.5499
0.387096774193548	3.484	3.239	2.391	1.405	0.9906	0.5429
0.419354838709677	3.481	3.221	2.377	1.379	0.988	0.5324
0.451612903225806	3.462	3.215	2.364	1.363	0.9776	0.5232
0.483870967741936	3.461	3.18	2.35	1.352	0.9499	0.5033
0.516129032258065	3.458	3.178	2.311	1.339	0.9465	0.5028
0.548387096774194	3.457	3.172	2.294	1.306	0.9369	0.4935
0.580645161290323	3.454	3.172	2.276	1.288	0.9345	0.4773
0.612903225806452	3.451	3.164	2.268	1.271	0.9337	0.4633
0.645161290322581	3.45	3.164	2.257	1.269	0.9182	0.4331
0.67741935483871	3.45	3.161	2.256	1.263	0.9161	0.4321

```
0.709677419354839 3.447 3.158 2.231 1.251 0.91  0.4275
0.741935483870968 3.446 3.158 2.225 1.222 0.8834      0.4162
0.774193548387097 3.443 3.149 2.22  1.219 0.8811      0.4099
0.806451612903226 3.442 3.141 2.187 1.198 0.854 0.3958
0.838709677419355 3.441 3.128 2.183 1.165 0.8284      0.3756
0.870967741935484 3.433 3.127 2.161 1.15  0.8202      0.325
0.903225806451613 3.433 3.062 1.988 1.003 0.7125      0.2568
0.935483870967742 3.432 3.018 1.863 0.8706      0.5997      0.2293
0.967741935483871 3.431 2.996 1.806 0.8267      0.567 0.2009

0.1   8.317 7.7695      5.9874      3.6012      2.5786      0.89665
                        Average of yearly averages:
      0.627176666666666

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0601
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-06 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0701.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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	8.476	8.224	7.267	4.461	3.037	1.036			
1962	4.18	4.028	3.49	2.668	2.123	1.07			
1963	3.787	3.557	2.834	1.954	1.489	0.7312			
1964	12.21	11.45	9.23	5.718	3.929	1.249			
1965	5.385	5	4.19	2.417	1.648	0.8081			
1966	4.297	4.013	3.137	2.166	1.477	0.7317			
1967	3.45	3.188	2.339	1.342	0.9789		0.5116		
1968	14.9	13.91	10.68	6.402	4.603	1.443			
1969	3.465	3.204	2.379	1.397	0.996	0.6047			
1970	6.916	6.408	5.053	2.515	1.704	0.7212			
1971	3.455	3.153	2.212	1.191	0.8498		0.4184		
1972	4.559	4.383	3.501	2.693	2.101	0.7646			
1973	3.454	3.193	2.347	1.439	0.9927		0.5782		
1974	10.44	9.713	7.155	4.958	3.562	1.169			
1975	3.831	3.571	2.712	1.676	1.255	0.6557			
1976	25.6	23.49	16.91	15.17	12.12	3.477			
1977	3.499	3.23	2.362	1.347	0.9823		0.5289		
1978	46.71	43.54	32.99	20	15.11	4.412			
1979	3.527	3.271	2.433	1.419	1.042	0.7807			
1980	3.812	3.596	2.85	1.477	1.1	0.585			
1981	3.718	3.435	2.518	1.685	1.191	0.7726			
1982	3.445	3.179	2.403	1.718	1.24	0.6165			
1983	7.821	7.327	5.364	3.408	2.559	0.9115			
1984	3.444	3.159	2.258	1.502	1.132	0.5519			
1985	4.292	3.994	3.308	2.281	1.713	0.8647			
1986	8.484	7.689	5.325	3.021	2.56	0.9495			
1987	5.288	4.976	3.747	2.107	1.451	0.6568			
1988	3.435	3.029	1.889	0.8865		0.6094		0.2568	
1989	3.434	3.041	1.924	0.9214		0.6488		0.2978	
1990	3.431	3.159	2.286	1.274	1.009	0.365			

Sorted results

Prob.	Peak	96 hr	21 Day		60 Day		90 Day		Yearly
0.032258064516129	46.71	43.54	32.99	20	15.11	4.412			
0.0645161290322581		25.6	23.49	16.91	15.17	12.12	3.477		
0.0967741935483871		14.9	13.91	10.68	6.402	4.603	1.443		
0.129032258064516	12.21	11.45	9.23	5.718	3.929	1.249			
0.161290322580645	10.44	9.713	7.267	4.958	3.562	1.169			
0.193548387096774	8.484	8.224	7.155	4.461	3.037	1.07			
0.225806451612903	8.476	7.689	5.364	3.408	2.56	1.036			
0.258064516129032	7.821	7.327	5.325	3.021	2.559	0.9495			
0.290322580645161	6.916	6.408	5.053	2.693	2.123	0.9115			
0.32258064516129	5.385	5	4.19	2.668	2.101	0.8647			
0.354838709677419	5.288	4.976	3.747	2.515	1.713	0.8081			
0.387096774193548	4.559	4.383	3.501	2.417	1.704	0.7807			
0.419354838709677	4.297	4.028	3.49	2.281	1.648	0.7726			
0.451612903225806	4.292	4.013	3.308	2.166	1.489	0.7646			
0.483870967741936	4.18	3.994	3.137	2.107	1.477	0.7317			
0.516129032258065	3.831	3.596	2.85	1.954	1.451	0.7312			
0.548387096774194	3.812	3.571	2.834	1.718	1.255	0.7212			
0.580645161290323	3.787	3.557	2.712	1.685	1.24	0.6568			
0.612903225806452	3.718	3.435	2.518	1.676	1.191	0.6557			
0.645161290322581	3.527	3.271	2.433	1.502	1.132	0.6165			
0.67741935483871	3.499	3.23	2.403	1.477	1.1	0.6047			
0.709677419354839	3.465	3.204	2.379	1.439	1.042	0.585			

```
0.741935483870968 3.455 3.193 2.362 1.419 1.009 0.5782
0.774193548387097 3.454 3.188 2.347 1.397 0.996 0.5519
0.806451612903226 3.45  3.179 2.339 1.347 0.9927      0.5289
0.838709677419355 3.445 3.159 2.286 1.342 0.9823      0.5116
0.870967741935484 3.444 3.159 2.258 1.274 0.9789      0.4184
0.903225806451613 3.435 3.153 2.212 1.191 0.8498      0.365
0.935483870967742 3.434 3.041 1.924 0.9214      0.6488      0.2978
0.967741935483871 3.431 3.029 1.889 0.8865      0.6094      0.2568

0.1   14.631      13.664      10.535      6.3336      4.5356
      1.4236
                              Average of yearly averages:
      0.950636666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0701
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-07 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as lett0801.out
Chemical: EPTC
PRZM environment: CAlettuceSTD.txt  modified Tueday, 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	15.31	14.85	13.13	8.062	5.51	1.623
1962	7.544	7.27	6.298	4.815	3.83	1.659
1963	6.865	6.449	5.144	3.536	2.705	1.121
1964	22.55	21.15	17.05	10.57	7.279	2.111
1965	9.635	8.945	7.497	4.327	2.969	1.254
1966	8.916	8.324	6.506	4.536	3.104	1.229
1967	3.828	3.58	2.968	1.733	1.233	0.7545
1968	26.64	24.87	19.08	11.44	8.23	2.367
1969	5.935	5.523	4.258	2.5	1.75	0.8853
1970	12.34	11.44	9.018	4.493	3.061	1.106
1971	3.615	3.387	2.625	1.603	1.181	0.5804
1972	8.326	8.004	6.391	4.924	3.845	1.198
1973	5.077	4.823	4.104	2.572	1.791	0.835
1974	18.64	17.34	12.77	8.86	6.382	1.916
1975	6.838	6.372	4.839	2.989	2.238	0.9765
1976	46.46	42.63	30.67	27.34	21.83	6.023
1977	5.883	5.455	2.417	1.443	1.15	0.7534
1978	83.74	78.05	59.13	35.84	27.06	7.674
1979	4.509	4.195	3.13	2.173	1.961	1.188
1980	7.201	6.792	5.382	2.438	1.739	0.8394
1981	6.666	6.158	4.511	3.015	2.146	1.204
1982	5.234	4.919	4.312	3.081	2.242	0.911
1983	14.08	13.19	9.656	6.126	4.597	1.489
1984	4.444	4.207	3.805	2.694	2.051	0.8088
1985	7.669	7.136	5.907	4.071	3.075	1.285
1986	15.27	13.84	9.581	5.429	4.594	1.535
1987	9.479	8.922	6.715	3.775	2.615	1.007
1988	3.645	3.293	2.361	0.8847	0.6099	0.3379
1989	3.435	3.067	1.993	1.035	0.9754	0.415
1990	3.432	3.154	2.267	1.541	1.43	0.4629

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	83.74	78.05	59.13	35.84	27.06	7.674
0.0645161290322581	46.46	42.63	30.67	27.34	21.83	6.023
0.0967741935483871	26.64	24.87	19.08	11.44	8.23	2.367
0.129032258064516	22.55	21.15	17.05	10.57	7.279	2.111
0.161290322580645	18.64	17.34	13.13	8.86	6.382	1.916
0.193548387096774	15.31	14.85	12.77	8.062	5.51	1.659
0.225806451612903	15.27	13.84	9.656	6.126	4.597	1.623
0.258064516129032	14.08	13.19	9.581	5.429	4.594	1.535
0.290322580645161	12.34	11.44	9.018	4.924	3.845	1.489
0.32258064516129	9.635	8.945	7.497	4.815	3.83	1.285
0.354838709677419	9.479	8.922	6.715	4.536	3.104	1.254
0.387096774193548	8.916	8.324	6.506	4.493	3.075	1.229
0.419354838709677	8.326	8.004	6.391	4.327	3.061	1.204
0.451612903225806	7.669	7.27	6.298	4.071	2.969	1.198
0.483870967741936	7.544	7.136	5.907	3.775	2.705	1.188
0.516129032258065	7.201	6.792	5.382	3.536	2.615	1.121
0.548387096774194	6.865	6.449	5.144	3.081	2.242	1.106
0.580645161290323	6.838	6.372	4.839	3.015	2.238	1.007
0.612903225806452	6.666	6.158	4.511	2.989	2.146	0.9765
0.645161290322581	5.935	5.523	4.312	2.694	2.051	0.911
0.67741935483871	5.883	5.455	4.258	2.572	1.961	0.8853
0.709677419354839	5.234	4.919	4.104	2.5	1.791	0.8394

```
0.741935483870968 5.077 4.823 3.805 2.438 1.75  0.835
0.774193548387097 4.509 4.207 3.13  2.173 1.739 0.8088
0.806451612903226 4.444 4.195 2.968 1.733 1.43  0.7545
0.838709677419355 3.828 3.58  2.625 1.603 1.233 0.7534
0.870967741935484 3.645 3.387 2.417 1.541 1.181 0.5804
0.903225806451613 3.615 3.293 2.361 1.443 1.15  0.4629
0.935483870967742 3.435 3.154 2.267 1.035 0.9754      0.415
0.967741935483871 3.432 3.067 1.993 0.8847      0.6099      0.3379

0.1   26.231      24.498      18.877      11.353      8.1349
      2.3414
                              Average of yearly averages:
      1.51830333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: lett0801
Metfile:    w23273.dvf
PRZM scenario:    CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-08 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)

stored as prepltoct2.out
Chemical: EPTC
PRZM environment: CAPotatoRLF.txt   modified Tueday, 20 February 2007
at 13:05:00
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
```

Metfile: w23155.dvf modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	3.429	3.226	2.53	1.563	1.156	0.3106
1962	3.432	3.206	2.506	1.508	1.105	0.2958
1963	3.432	3.212	2.466	1.43	1.036	0.2776
1964	3.433	3.22	2.496	1.52	1.12	0.301
1965	3.432	3.205	2.442	1.411	1.021	0.2705
1966	3.431	3.203	2.44	1.466	1.074	0.2871
1967	3.433	3.238	2.565	1.557	1.152	0.3148
1968	3.435	3.257	2.633	1.677	1.253	0.3471
1969	3.438	3.244	2.738	1.789	1.341	0.3677
1970	3.434	3.207	2.447	1.457	1.066	0.2847
1971	3.432	3.22	2.498	1.476	1.069	0.2824
1972	3.431	3.196	2.414	1.402	1.01	0.2648
1973	3.431	3.155	2.274	1.281	0.9216	0.2424
1974	3.431	3.229	2.535	1.55	1.138	0.3065
1975	3.433	3.229	2.527	1.493	1.094	0.2939
1976	3.432	3.178	2.349	1.363	0.9899	0.2617
1977	3.432	3.192	2.399	1.379	1.001	0.2662
1978	3.431	3.199	2.424	1.455	1.068	0.288
1979	3.433	3.234	2.826	1.87	1.401	0.3817
1980	3.435	3.22	2.49	1.532	1.15	0.3178
1981	3.436	3.26	2.64	1.748	1.332	0.3693
1982	3.435	3.238	2.559	1.603	1.202	0.3298
1983	3.434	3.213	2.469	1.492	1.096	0.2964
1984	3.434	3.237	2.559	1.595	1.186	0.3228
1985	3.434	3.253	2.617	1.67	1.256	0.3452
1986	3.434	3.224	2.51	1.566	1.166	0.3192
1987	3.434	3.228	2.526	1.535	1.135	0.3086
1988	3.43	3.051	1.956	0.9279	0.6374	0.1615
1989	3.429	3.055	1.969	0.9505	0.6548	0.1662
1990	3.429	3.08	2.043	1.002	0.6907	0.175

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	3.438	3.26	2.826	1.87	1.401	0.3817
0.0645161290322581	3.436	3.257	2.738	1.789	1.341	0.3693
0.0967741935483871	3.435	3.253	2.64	1.748	1.332	0.3677
0.129032258064516	3.435	3.244	2.633	1.677	1.256	0.3471
0.161290322580645	3.435	3.238	2.617	1.67	1.253	0.3452
0.193548387096774	3.434	3.238	2.565	1.603	1.202	0.3298
0.225806451612903	3.434	3.237	2.559	1.595	1.186	0.3228
0.258064516129032	3.434	3.234	2.559	1.566	1.166	0.3192
0.290322580645161	3.434	3.229	2.535	1.563	1.156	0.3178
0.32258064516129	3.434	3.229	2.53	1.557	1.152	0.3148
0.354838709677419	3.434	3.228	2.527	1.55	1.15	0.3106
0.387096774193548	3.433	3.226	2.526	1.535	1.138	0.3086
0.419354838709677	3.433	3.224	2.51	1.532	1.135	0.3065
0.451612903225806	3.433	3.22	2.506	1.52	1.12	0.301
0.483870967741936	3.433	3.22	2.498	1.508	1.105	0.2964
0.516129032258065	3.432	3.22	2.496	1.493	1.096	0.2958
0.548387096774194	3.432	3.213	2.49	1.492	1.094	0.2939
0.580645161290323	3.432	3.212	2.469	1.476	1.074	0.288
0.612903225806452	3.432	3.207	2.466	1.466	1.069	0.2871
0.645161290322581	3.432	3.206	2.447	1.457	1.068	0.2847

```
0.67741935483871  3.432 3.205 2.442 1.455 1.066 0.2824
0.709677419354839 3.431 3.203 2.44  1.43  1.036 0.2776
0.741935483870968 3.431 3.199 2.424 1.411 1.021 0.2705
0.774193548387097 3.431 3.196 2.414 1.402 1.01  0.2662
0.806451612903226 3.431 3.192 2.399 1.379 1.001 0.2648
0.838709677419355 3.431 3.178 2.349 1.363 0.9899      0.2617
0.870967741935484 3.43  3.155 2.274 1.281 0.9216      0.2424
0.903225806451613 3.429 3.08  2.043 1.002 0.6907      0.175
0.935483870967742 3.429 3.055 1.969 0.9505      0.6548      0.1662
0.967741935483871 3.429 3.051 1.956 0.9279      0.6374      0.1615

0.1   3.435 3.2521      2.6393      1.7409      1.3244      0.36564
                        Average of yearly averages:
      0.291876666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: prepltoct2
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as postE0103.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
```

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	3.429	3.211	2.476	1.498	1.096	0.2927
1962	3.432	3.196	2.411	1.415	1.027	0.2744
1963	3.432	3.166	2.31	1.303	0.9396	0.2523
1964	3.432	3.207	2.45	1.462	1.068	0.2862
1965	3.432	3.167	2.372	1.356	0.9772	0.2586
1966	3.431	3.204	2.443	1.447	1.05	0.2799
1967	3.433	3.193	2.402	1.426	1.052	0.287
1968	3.434	3.226	2.764	1.738	1.291	0.3573
1969	3.438	3.237	2.548	1.583	1.171	0.3192
1970	3.433	3.195	2.408	1.412	1.026	0.2731
1971	3.432	3.18	2.355	1.343	0.9637	0.2539
1972	3.431	3.175	2.343	1.321	0.9429	0.2465
1973	3.431	3.17	2.336	1.319	0.9436	0.2479
1974	3.525	3.293	2.881	1.778	1.3	0.3499
1975	3.434	3.175	2.336	1.349	0.9845	0.2641
1976	3.431	3.187	2.382	1.377	0.9945	0.262
1977	3.432	3.168	2.317	1.318	0.9527	0.2531
1978	4.123	3.852	3.105	1.885	1.377	0.371
1979	3.434	3.229	2.527	1.558	1.146	0.3107
1980	4.613	4.323	3.541	2.292	1.72	0.4756
1981	3.44	3.263	2.643	1.72	1.293	0.3564
1982	3.434	3.223	2.506	1.554	1.156	0.3157
1983	17.71	16.54	12.61	7.494	5.473	1.471
1984	3.453	3.237	2.505	1.527	1.128	0.3112
1985	3.434	3.23	2.532	1.582	1.179	0.322
1986	3.856	3.627	3.116	2.027	1.506	0.4116
1987	3.435	3.203	2.429	1.45	1.068	0.2903
1988	3.43	3.022	1.878	0.8786	0.603	0.1528
1989	3.429	3.047	1.949	0.9334	0.642	0.1629
1990	3.429	3.053	1.966	0.9446	0.6481	0.1641

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	17.71	16.54	12.61	7.494	5.473	1.471
0.0645161290322581	4.613	4.323	3.541	2.292	1.72	0.4756
0.0967741935483871	4.123	3.852	3.116	2.027	1.506	0.4116
0.129032258064516	3.856	3.627	3.105	1.885	1.377	0.371
0.161290322580645	3.525	3.293	2.881	1.778	1.3	0.3573
0.193548387096774	3.453	3.263	2.764	1.738	1.293	0.3564
0.225806451612903	3.44	3.237	2.643	1.72	1.291	0.3499
0.258064516129032	3.438	3.237	2.548	1.583	1.179	0.322
0.290322580645161	3.435	3.23	2.532	1.582	1.171	0.3192
0.32258064516129	3.434	3.229	2.527	1.558	1.156	0.3157
0.354838709677419	3.434	3.226	2.506	1.554	1.146	0.3112
0.387096774193548	3.434	3.223	2.505	1.527	1.128	0.3107
0.419354838709677	3.434	3.211	2.476	1.498	1.096	0.2927
0.451612903225806	3.434	3.207	2.45	1.462	1.068	0.2903
0.483870967741936	3.433	3.204	2.443	1.45	1.068	0.287
0.516129032258065	3.433	3.203	2.429	1.447	1.052	0.2862
0.548387096774194	3.432	3.196	2.411	1.426	1.05	0.2799
0.580645161290323	3.432	3.195	2.408	1.415	1.027	0.2744
0.612903225806452	3.432	3.193	2.402	1.412	1.026	0.2731
0.645161290322581	3.432	3.187	2.382	1.377	0.9945	0.2641
0.67741935483871	3.432	3.18	2.372	1.356	0.9845	0.262

```
0.709677419354839 3.432 3.175 2.355 1.349 0.9772      0.2586
0.741935483870968 3.431 3.175 2.343 1.343 0.9637      0.2539
0.774193548387097 3.431 3.17  2.336 1.321 0.9527      0.2531
0.806451612903226 3.431 3.168 2.336 1.319 0.9436      0.2523
0.838709677419355 3.431 3.167 2.317 1.318 0.9429      0.2479
0.870967741935484 3.43  3.166 2.31  1.303 0.9396      0.2465
0.903225806451613 3.429 3.053 1.966 0.9446      0.6481      0.1641
0.935483870967742 3.429 3.047 1.949 0.9334      0.642 0.1629
0.967741935483871 3.429 3.022 1.878 0.8786      0.603 0.1528

0.1   4.0963      3.8295      3.1149      2.0128      1.4931
      0.40754
                              Average of yearly averages:
      0.329113333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: postE0103
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-03 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pot10-02g.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
```

Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.504e-005	2.345e-005	1.808e-005	1.085e-005	7.913e-006	2.111e-006
1962	160	150	115	68.58	50.17	13.4
1963	40.65	38.04	29.15	16.8	12.16	3.285
1964	0.09406	0.09152	0.08189	0.06447	0.05416	0.01831
1965	0.0008428	0.0008286	0.0007686	0.0006333	0.0005841	0.0002051
1966	1.076e-005	1.05e-005	9.49e-006	7.627e-006	6.529e-006	2.286e-006
1967	1.6e-007	1.561e-007	1.412e-007	1.145e-007	9.7e-008	3.404e-008
1968	0.0008691	0.0008163	0.0006361	0.0003889	0.0002876	7.911e-005
1969	0.3172	0.2992	0.2582	0.1648	0.1227	0.03331
1970	77.7	72.57	55.37	32.95	24.1	6.417
1971	0.112	0.111	0.1056	0.08985	0.07647	0.02566
1972	0.00117	0.001151	0.00107	0.000885	0.0007554	0.0002568
1973	1.464e-005	1.426e-005	1.281e-005	9.928e-006	8.911e-006	3.082e-006
1974	0.007282	0.006798	0.005178	0.00303	0.002201	0.0005892
1975	1.875e-005	1.838e-005	1.688e-005	1.379e-005	1.156e-005	3.924e-006
1976	2.104e-007	2.06e-007	1.884e-007	1.494e-007	1.249e-007	4.219e-008
1977	1.835e-008	1.698e-008	1.259e-008	7.306e-009	5.313e-009	1.795e-009
1978	194	181	137	82.38	60.47	16.28
1979	0.8267	0.7865	0.6441	0.4363	0.4029	0.1417
1980	0.006686	0.006578	0.006122	0.005025	0.004493	0.001643
1981	0.00014	0.0001369	0.0001246	0.0001012	8.706e-005	3.018e-005
1982	1.611e-006	1.57e-006	1.415e-006	1.141e-006	1.018e-006	3.735e-007
1983	0.001839	0.001717	0.001309	0.000778	0.0005681	0.0001525
1984	4.833e-006	4.751e-006	4.414e-006	3.649e-006	3.105e-006	1.067e-006
1985	6.346e-008	6.247e-008	5.831e-008	4.906e-008	4.234e-008	1.483e-008
1986	0.2856	0.2708	0.2113	0.1319	0.09809	0.02674
1987	0.7011	0.6592	0.5139	0.3098	0.2287	0.06203
1988	0.001035	0.0009765	0.000789	0.0005536	0.0004469	0.0001458
1989	6.097e-006	5.974e-006	5.459e-006	4.284e-006	3.55e-006	1.189e-006

```
1990  5.512e-008  5.373e-008  4.833e-008  3.8e-008    3.163e-008
      1.042e-008

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 194   181   137   82.38 60.47 16.28
0.0645161290322581      160   150   115   68.58 50.17 13.4
0.0967741935483871      77.7  72.57 55.37 32.95 24.1  6.417
0.129032258064516 40.65 38.04 29.15 16.8  12.16 3.285
0.161290322580645 0.8267      0.7865      0.6441      0.4363
      0.4029      0.1417
0.193548387096774 0.7011      0.6592      0.5139      0.3098
      0.2287      0.06203
0.225806451612903 0.3172      0.2992      0.2582      0.1648
      0.1227      0.03331
0.258064516129032 0.2856      0.2708      0.2113      0.1319
      0.09809     0.02674
0.290322580645161 0.112 0.111 0.1056      0.08985     0.07647
      0.02566
0.32258064516129  0.09406     0.09152     0.08189     0.06447
      0.05416     0.01831
0.354838709677419 0.007282    0.006798    0.006122    0.005025
      0.004493    0.001643
0.387096774193548 0.006686    0.006578    0.005178    0.00303
      0.002201    0.0005892
0.419354838709677 0.001839    0.001717    0.001309    0.000885
      0.0007554   0.0002568
0.451612903225806 0.00117     0.001151    0.00107     0.000778
      0.0005841   0.0002051
0.483870967741936 0.001035    0.0009765   0.000789    0.0006333
      0.0005681   0.0001525
0.516129032258065 0.0008691   0.0008286   0.0007686   0.0005536
      0.0004469   0.0001458
0.548387096774194 0.0008428   0.0008163   0.0006361   0.0003889
      0.0002876   7.911e-005
0.580645161290323 0.00014     0.0001369   0.0001246   0.0001012
      8.706e-005  3.018e-005
0.612903225806452 2.504e-005  2.345e-005  1.808e-005  1.379e-005
      1.156e-005  3.924e-006
0.645161290322581 1.875e-005  1.838e-005  1.688e-005  1.085e-005
      8.911e-006  3.082e-006
0.67741935483871  1.464e-005  1.426e-005  1.281e-005  9.928e-006
      7.913e-006  2.286e-006
0.709677419354839 1.076e-005  1.05e-005   9.49e-006   7.627e-006
      6.529e-006  2.111e-006
0.741935483870968 6.097e-006  5.974e-006  5.459e-006  4.284e-006
      3.55e-006   1.189e-006
0.774193548387097 4.833e-006  4.751e-006  4.414e-006  3.649e-006
      3.105e-006  1.067e-006
0.806451612903226 1.611e-006  1.57e-006   1.415e-006  1.141e-006
      1.018e-006  3.735e-007
0.838709677419355 2.104e-007  2.06e-007   1.884e-007  1.494e-007
      1.249e-007  4.219e-008
0.870967741935484 1.6e-007    1.561e-007  1.412e-007  1.145e-007  9.7e-
008   3.404e-008
0.903225806451613 6.346e-008  6.247e-008  5.831e-008  4.906e-008
      4.234e-008  1.483e-008
```

```
0.935483870967742 5.512e-008  5.373e-008  4.833e-008  3.8e-008
      3.163e-008  1.042e-008
0.967741935483871 1.835e-008  1.698e-008  1.259e-008  7.306e-009
      5.313e-009  1.795e-009

0.1   73.995      69.117      52.748      31.335      22.906
      6.1038
                              Average of yearly averages:
      1.32309552752583

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pot10-02g
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      1     fraction
Spray Drift DRFT  0     fraction of application rate applied to pond
Application Date  Date  10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as potemerg.out
Chemical: EPTC
PRZM environment: CAPotatoRLF.txt   modified Tueday, 20 February 2007
at 13:05:00
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  1.714 1.613 1.262 0.7738      0.5707      0.153
1962  7.994 7.467 5.682 3.392 2.493 0.6676
```

1963 1.723 1.612 1.23 0.7045   0.5097   0.1382
1964 1.716 1.61 1.246 0.7541   0.554 0.1488
1965 1.716 1.602 1.213 0.6931   0.5006   0.1325
1966 1.716 1.602 1.22 0.7312   0.534 0.1426
1967 1.716 1.619 1.272 0.7624   0.5635   0.1538
1968 1.717 1.628 1.311 0.8246   0.6145   0.17
1969 1.924 1.816 1.544 0.9949   0.7425   0.2029
1970 1.717 1.604 1.222 0.7238   0.5283   0.141
1971 1.716 1.61 1.24 0.7222   0.5215   0.1376
1972 1.716 1.598 1.204 0.6929   0.4975   0.1303
1973 1.715 1.577 1.14 0.644 0.4628   0.1217
1974 1.716 1.615 1.262 0.7634   0.5585   0.1503
1975 1.717 1.614 1.252 0.7288   0.5334   0.1431
1976 1.716 1.589 1.176 0.6833   0.4955   0.1309
1977 1.716 1.596 1.195 0.6823   0.4947   0.1315
1978 1.716 1.599 1.214 0.7295   0.5345   0.1441
1979 2.572 2.424 1.939 1.27 0.9469   0.2574
1980 1.718 1.611 1.246 0.7671   0.5755   0.1593
1981 1.718 1.63 1.32 0.871 0.6606   0.1826
1982 1.717 1.619 1.276 0.7954   0.5953   0.163
1983 1.717 1.606 1.234 0.7428   0.5447   0.1471
1984 1.717 1.619 1.276 0.789 0.5848   0.159
1985 1.717 1.626 1.303 0.8242   0.6183   0.1695
1986 1.717 1.612 1.257 0.7879   0.5858   0.1602
1987 1.717 1.614 1.257 0.7571   0.5589   0.1519
1988 1.715 1.525 0.975 0.4594   0.3155   0.07992
1989 1.715 1.527 0.9836   0.4736   0.3261   0.08276
1990 1.715 1.54 1.017 0.4952   0.3408   0.08633

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 7.994 7.467 5.682 3.392 2.493 0.6676
0.0645161290322581   2.572 2.424 1.939 1.27 0.9469   0.2574
0.0967741935483871   1.924 1.816 1.544 0.9949   0.7425
      0.2029
0.129032258064516 1.723 1.63 1.32 0.871 0.6606   0.1826
0.161290322580645 1.718 1.628 1.311 0.8246   0.6183   0.17
0.193548387096774 1.718 1.626 1.303 0.8242   0.6145   0.1695
0.225806451612903 1.717 1.619 1.276 0.7954   0.5953   0.163
0.258064516129032 1.717 1.619 1.276 0.789 0.5858   0.1602
0.290322580645161 1.717 1.619 1.272 0.7879   0.5848   0.1593
0.32258064516129 1.717 1.615 1.262 0.7738   0.5755   0.159
0.354838709677419 1.717 1.614 1.262 0.7671   0.5707   0.1538
0.387096774193548 1.717 1.614 1.257 0.7634   0.5635   0.153
0.419354838709677 1.717 1.613 1.257 0.7624   0.5589   0.1519
0.451612903225806 1.717 1.612 1.252 0.7571   0.5585   0.1503
0.483870967741936 1.717 1.612 1.246 0.7541   0.554 0.1488
0.516129032258065 1.716 1.611 1.246 0.7428   0.5447   0.1471
0.548387096774194 1.716 1.61 1.24 0.7312   0.5345   0.1441
0.580645161290323 1.716 1.61 1.234 0.7295   0.534 0.1431
0.612903225806452 1.716 1.606 1.23 0.7288   0.5334   0.1426
0.645161290322581 1.716 1.604 1.222 0.7238   0.5283   0.141
0.67741935483871 1.716 1.602 1.22 0.7222   0.5215   0.1382
0.709677419354839 1.716 1.602 1.214 0.7045   0.5097   0.1376
0.741935483870968 1.716 1.599 1.213 0.6931   0.5006   0.1325
0.774193548387097 1.716 1.598 1.204 0.6929   0.4975   0.1315
0.806451612903226 1.716 1.596 1.195 0.6833   0.4955   0.1309

```
0.838709677419355 1.715 1.589 1.176 0.6823      0.4947      0.1303
0.870967741935484 1.715 1.577 1.14  0.644 0.4628      0.1217
0.903225806451613 1.715 1.54  1.017 0.4952      0.3408      0.08633
0.935483870967742 1.715 1.527 0.9836      0.4736      0.3261
      0.08276
0.967741935483871 1.714 1.525 0.975 0.4594      0.3155      0.07992

0.1   1.9039      1.7974      1.5216      0.98251     0.73431
      0.20087
                              Average of yearly averages:
      0.164630333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: potemerg
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  16-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pots10-02.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
```

1961	3.359	3.16	2.478	1.531	1.133	0.3043
1962	161	152	116	69.33	50.71	13.54
1963	43.28	40.51	31.04	17.89	13	3.525
1964	3.417	3.207	2.492	1.525	1.127	0.313
1965	3.363	3.14	2.392	1.383	1.001	0.2651
1966	3.361	3.138	2.39	1.436	1.052	0.2812
1967	3.363	3.172	2.513	1.526	1.129	0.3084
1968	3.365	3.191	2.579	1.642	1.228	0.3401
1969	3.368	3.178	2.682	1.753	1.314	0.3602
1970	80.26	74.96	57.2	34.04	24.89	6.63
1971	3.443	3.233	2.519	1.5	1.092	0.302
1972	3.362	3.132	2.366	1.374	0.99	0.2596
1973	3.361	3.091	2.228	1.255	0.9028	0.2374
1974	3.361	3.163	2.483	1.518	1.114	0.3002
1975	3.363	3.163	2.476	1.463	1.072	0.2879
1976	3.362	3.113	2.301	1.335	0.9696	0.2564
1977	3.362	3.127	2.35	1.351	0.9805	0.2608
1978	196	183	138	83	60.92	16.4
1979	3.601	3.401	2.981	2.003	1.516	0.4584
1980	3.368	3.157	2.442	1.503	1.128	0.3125
1981	3.366	3.193	2.586	1.713	1.305	0.3618
1982	3.365	3.172	2.507	1.57	1.178	0.3231
1983	3.364	3.147	2.418	1.462	1.074	0.2903
1984	3.364	3.171	2.507	1.563	1.161	0.3162
1985	3.364	3.186	2.564	1.635	1.231	0.3381
1986	3.364	3.228	2.646	1.662	1.239	0.3391
1987	3.573	3.361	2.891	1.801	1.336	0.3637
1988	3.361	2.989	1.917	0.9092	0.6246	0.1583
1989	3.359	2.992	1.929	0.9311	0.6415	0.1628
1990	3.359	3.017	2.001	0.9817	0.6766	0.1714

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	196	183	138	83	60.92	16.4
0.0645161290322581	161	152	116	69.33	50.71	13.54
0.0967741935483871	80.26	74.96	57.2	34.04	24.89	6.63
0.129032258064516	43.28	40.51	31.04	17.89	13	3.525
0.161290322580645	3.601	3.401	2.981	2.003	1.516	0.4584
0.193548387096774	3.573	3.361	2.891	1.801	1.336	0.3637
0.225806451612903	3.443	3.233	2.682	1.753	1.314	0.3618
0.258064516129032	3.417	3.228	2.646	1.713	1.305	0.3602
0.290322580645161	3.368	3.207	2.586	1.662	1.239	0.3401
0.32258064516129	3.368	3.193	2.579	1.642	1.231	0.3391
0.354838709677419	3.366	3.191	2.564	1.635	1.228	0.3381
0.387096774193548	3.365	3.186	2.519	1.57	1.178	0.3231
0.419354838709677	3.365	3.178	2.513	1.563	1.161	0.3162
0.451612903225806	3.364	3.172	2.507	1.531	1.133	0.313
0.483870967741936	3.364	3.172	2.507	1.526	1.129	0.3125
0.516129032258065	3.364	3.171	2.492	1.525	1.128	0.3084
0.548387096774194	3.364	3.163	2.483	1.518	1.127	0.3043
0.580645161290323	3.363	3.163	2.478	1.503	1.114	0.302
0.612903225806452	3.363	3.16	2.476	1.5	1.092	0.3002
0.645161290322581	3.363	3.157	2.442	1.463	1.074	0.2903
0.67741935483871	3.362	3.147	2.418	1.462	1.072	0.2879
0.709677419354839	3.362	3.14	2.392	1.436	1.052	0.2812
0.741935483870968	3.362	3.138	2.39	1.383	1.001	0.2651
0.774193548387097	3.361	3.132	2.366	1.374	0.99	0.2608

```
0.806451612903226 3.361 3.127 2.35  1.351 0.9805      0.2596
0.838709677419355 3.361 3.113 2.301 1.335 0.9696      0.2564
0.870967741935484 3.361 3.091 2.228 1.255 0.9028      0.2374
0.903225806451613 3.359 3.017 2.001 0.9817      0.6766      0.1714
0.935483870967742 3.359 2.992 1.929 0.9311      0.6415      0.1628
0.967741935483871 3.359 2.989 1.917 0.9092      0.6246      0.1583

0.1   76.562      71.515      54.584      32.425      23.701
      6.3195
                            Average of yearly averages:
      1.59224333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pots10-02
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pots10-02g.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
```

```
1961  2.504e-005  2.345e-005  1.808e-005  1.085e-005  7.913e-006
      2.111e-006
1962  160   150   115   68.58 50.17 13.4
1963  40.65 38.04 29.15 16.8  12.16 3.285
1964  0.09406     0.09152     0.08189     0.06447     0.05416
      0.01831
1965  0.0008428   0.0008286   0.0007686   0.0006333   0.0005841
      0.0002051
1966  1.076e-005  1.05e-005   9.49e-006   7.627e-006  6.529e-006
      2.286e-006
1967  1.6e-007    1.561e-007  1.412e-007  1.145e-007  9.7e-008
      3.404e-008
1968  0.0008691   0.0008163   0.0006361   0.0003889   0.0002876
      7.911e-005
1969  0.3172      0.2992      0.2582      0.1648      0.1227
      0.03331
1970  77.7  72.57 55.37 32.95 24.1  6.417
1971  0.112 0.111 0.1056      0.08985     0.07647     0.02566
1972  0.00117     0.001151    0.00107     0.000885    0.0007554
      0.0002568
1973  1.464e-005  1.426e-005  1.281e-005  9.928e-006  8.911e-006
      3.082e-006
1974  0.007282    0.006798    0.005178    0.00303     0.002201
      0.0005892
1975  1.875e-005  1.838e-005  1.688e-005  1.379e-005  1.156e-005
      3.924e-006
1976  2.104e-007  2.06e-007   1.884e-007  1.494e-007  1.249e-007
      4.219e-008
1977  1.835e-008  1.698e-008  1.259e-008  7.306e-009  5.313e-009
      1.795e-009
1978  194   181   137   82.38 60.47 16.28
1979  0.8267      0.7865      0.6441      0.4363      0.4029
      0.1417
1980  0.006686    0.006578    0.006122    0.005025    0.004493
      0.001643
1981  0.00014     0.0001369   0.0001246   0.0001012   8.706e-005
      3.018e-005
1982  1.611e-006  1.57e-006   1.415e-006  1.141e-006  1.018e-006
      3.735e-007
1983  0.001839    0.001717    0.001309    0.000778    0.0005681
      0.0001525
1984  4.833e-006  4.751e-006  4.414e-006  3.649e-006  3.105e-006
      1.067e-006
1985  6.346e-008  6.247e-008  5.831e-008  4.906e-008  4.234e-008
      1.483e-008
1986  0.2856      0.2708      0.2113      0.1319      0.09809
      0.02674
1987  0.7011      0.6592      0.5139      0.3098      0.2287
      0.06203
1988  0.001035    0.0009765   0.000789    0.0005536   0.0004469
      0.0001458
1989  6.097e-006  5.974e-006  5.459e-006  4.284e-006  3.55e-006
      1.189e-006
1990  5.512e-008  5.373e-008  4.833e-008  3.8e-008    3.163e-008
      1.042e-008

Sorted results
```

```
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 194   181   137   82.38 60.47 16.28
0.0645161290322581      160   150   115   68.58 50.17 13.4
0.0967741935483871      77.7  72.57 55.37 32.95 24.1  6.417
0.129032258064516 40.65 38.04 29.15 16.8  12.16 3.285
0.161290322580645 0.8267      0.7865      0.6441      0.4363
      0.4029      0.1417
0.193548387096774 0.7011      0.6592      0.5139      0.3098
      0.2287      0.06203
0.225806451612903 0.3172      0.2992      0.2582      0.1648
      0.1227      0.03331
0.258064516129032 0.2856      0.2708      0.2113      0.1319
      0.09809     0.02674
0.290322580645161 0.112 0.111 0.1056      0.08985     0.07647
      0.02566
0.32258064516129  0.09406     0.09152     0.08189     0.06447
      0.05416     0.01831
0.354838709677419 0.007282    0.006798    0.006122    0.005025
      0.004493    0.001643
0.387096774193548 0.006686    0.006578    0.005178    0.00303
      0.002201    0.0005892
0.419354838709677 0.001839    0.001717    0.001309    0.000885
      0.0007554   0.0002568
0.451612903225806 0.00117     0.001151    0.00107     0.000778
      0.0005841   0.0002051
0.483870967741936 0.001035    0.0009765   0.000789    0.0006333
      0.0005681   0.0001525
0.516129032258065 0.0008691   0.0008286   0.0007686   0.0005536
      0.0004469   0.0001458
0.548387096774194 0.0008428   0.0008163   0.0006361   0.0003889
      0.0002876   7.911e-005
0.580645161290323 0.00014     0.0001369   0.0001246   0.0001012
      8.706e-005  3.018e-005
0.612903225806452 2.504e-005  2.345e-005  1.808e-005  1.379e-005
      1.156e-005  3.924e-006
0.645161290322581 1.875e-005  1.838e-005  1.688e-005  1.085e-005
      8.911e-006  3.082e-006
0.67741935483871  1.464e-005  1.426e-005  1.281e-005  9.928e-006
      7.913e-006  2.286e-006
0.709677419354839 1.076e-005  1.05e-005   9.49e-006   7.627e-006
      6.529e-006  2.111e-006
0.741935483870968 6.097e-006  5.974e-006  5.459e-006  4.284e-006
      3.55e-006   1.189e-006
0.774193548387097 4.833e-006  4.751e-006  4.414e-006  3.649e-006
      3.105e-006  1.067e-006
0.806451612903226 1.611e-006  1.57e-006   1.415e-006  1.141e-006
      1.018e-006  3.735e-007
0.838709677419355 2.104e-007  2.06e-007   1.884e-007  1.494e-007
      1.249e-007  4.219e-008
0.870967741935484 1.6e-007    1.561e-007  1.412e-007  1.145e-007  9.7e-
008   3.404e-008
0.903225806451613 6.346e-008  6.247e-008  5.831e-008  4.906e-008
      4.234e-008  1.483e-008
0.935483870967742 5.512e-008  5.373e-008  4.833e-008  3.8e-008
      3.163e-008  1.042e-008
0.967741935483871 1.835e-008  1.698e-008  1.259e-008  7.306e-009
      5.313e-009  1.795e-009
```

```
0.1   73.995      69.117      52.748      31.335      22.906
      6.1038
                              Average of yearly averages:
      1.32309552752583

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pots10-02g
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      1     fraction
Spray Drift DRFT  0     fraction of application rate applied to pond
Application Date  Date  10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pots11-02.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.359 3.16  2.478 1.529 1.131 0.3036
1962  14.09 13.16 10.92 6.684 4.902 1.311
1963  98.74 92.39 70.75 40.72 29.46 7.897
1964  3.485 3.272 2.55  1.569 1.163 0.3357
1965  3.363 3.14  2.392 1.379 0.9981      0.2645
1966  3.361 3.138 2.39  1.436 1.051 0.2809
```

```
1967  3.363 3.172 2.511 1.521 1.125 0.3073
1968  3.365 3.191 2.578 1.638 1.224 0.3389
1969  3.368 3.178 2.697 1.756 1.315 0.3602
1970  3.363 3.141 2.397 1.426 1.043 0.2785
1971  3.362 3.154 2.446 1.441 1.043 0.2756
1972  3.361 3.131 2.365 1.371 0.9873      0.2588
1973  3.361 3.091 2.228 1.256 0.9034      0.2376
1974  3.361 3.163 2.482 1.515 1.111 0.2993
1975  3.363 3.163 2.474 1.458 1.068 0.2867
1976  3.362 3.113 2.301 1.336 0.9698      0.2564
1977  3.362 3.127 2.349 1.349 0.9788      0.2603
1978  3.361 3.134 2.375 1.426 1.046 0.2821
1979  3.363 3.168 2.794 1.837 1.375 0.3744
1980  3.365 3.154 2.439 1.501 1.126 0.3113
1981  3.366 3.193 2.586 1.712 1.303 0.3612
1982  3.365 3.172 2.507 1.568 1.176 0.3225
1983  3.364 3.147 2.418 1.46  1.073 0.29
1984  3.364 3.171 2.507 1.56  1.159 0.3154
1985  3.364 3.186 2.563 1.632 1.228 0.3372
1986  3.444 3.299 2.657 1.665 1.24  0.3394
1987  3.677 3.458 2.918 1.806 1.338 0.3641
1988  3.361 2.989 1.917 0.908 0.6237      0.1581
1989  3.359 2.992 1.929 0.9307      0.6411      0.1627
1990  3.359 3.017 2.001 0.9801      0.6753      0.1711

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 98.74 92.39 70.75 40.72 29.46 7.897
0.0645161290322581      14.09 13.16 10.92 6.684 4.902 1.311
0.0967741935483871      3.677 3.458 2.918 1.837 1.375 0.3744
0.129032258064516 3.485 3.299 2.794 1.806 1.338 0.3641
0.161290322580645 3.444 3.272 2.697 1.756 1.315 0.3612
0.193548387096774 3.368 3.193 2.657 1.712 1.303 0.3602
0.225806451612903 3.366 3.191 2.586 1.665 1.24  0.3394
0.258064516129032 3.365 3.186 2.578 1.638 1.228 0.3389
0.290322580645161 3.365 3.178 2.563 1.632 1.224 0.3372
0.32258064516129  3.365 3.172 2.55  1.569 1.176 0.3357
0.354838709677419 3.364 3.172 2.511 1.568 1.163 0.3225
0.387096774193548 3.364 3.171 2.507 1.56  1.159 0.3154
0.419354838709677 3.364 3.168 2.507 1.529 1.131 0.3113
0.451612903225806 3.363 3.163 2.482 1.521 1.126 0.3073
0.483870967741936 3.363 3.163 2.478 1.515 1.125 0.3036
0.516129032258065 3.363 3.16  2.474 1.501 1.111 0.2993
0.548387096774194 3.363 3.154 2.446 1.46  1.073 0.29
0.580645161290323 3.363 3.154 2.439 1.458 1.068 0.2867
0.612903225806452 3.362 3.147 2.418 1.441 1.051 0.2821
0.645161290322581 3.362 3.141 2.397 1.436 1.046 0.2809
0.67741935483871  3.362 3.14  2.392 1.426 1.043 0.2785
0.709677419354839 3.361 3.138 2.39  1.426 1.043 0.2756
0.741935483870968 3.361 3.134 2.375 1.379 0.9981      0.2645
0.774193548387097 3.361 3.131 2.365 1.371 0.9873      0.2603
0.806451612903226 3.361 3.127 2.349 1.349 0.9788      0.2588
0.838709677419355 3.361 3.113 2.301 1.336 0.9698      0.2564
0.870967741935484 3.361 3.091 2.228 1.256 0.9034      0.2376
0.903225806451613 3.359 3.017 2.001 0.9801      0.6753      0.1711
0.935483870967742 3.359 2.992 1.929 0.9307      0.6411      0.1627
0.967741935483871 3.359 2.989 1.917 0.908 0.6237      0.1581
```

```
0.1   3.6578      3.4421      2.9056      1.8339      1.3713
      0.37337
                                Average of yearly averages:   0.57806

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pots11-02
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  11-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pots16-02.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.359 3.16  2.472 1.516 1.118 0.2997
1962  15.67 14.63 11.13 6.646 4.886 1.308
1963  3.376 3.159 2.409 1.38  0.9986      0.2707
1964  3.363 3.154 2.441 1.477 1.085 0.2915
1965  3.362 3.139 2.376 1.358 0.9808      0.2596
1966  3.361 3.138 2.39  1.433 1.046 0.2794
1967  3.363 3.172 2.493 1.494 1.104 0.3014
```

```
1968  3.365 3.191 2.568 1.616 1.204 0.3331
1969  3.77  3.558 3.026 1.949 1.455 0.3976
1970  3.364 3.142 2.393 1.418 1.035 0.2763
1971  3.362 3.154 2.43  1.415 1.022 0.2696
1972  3.361 3.131 2.359 1.358 0.9748      0.2553
1973  3.361 3.091 2.233 1.262 0.9067      0.2384
1974  3.361 3.163 2.473 1.496 1.094 0.2945
1975  3.363 3.163 2.452 1.428 1.045 0.2803
1976  3.362 3.113 2.304 1.339 0.9707      0.2564
1977  3.362 3.127 2.34  1.337 0.9692      0.2576
1978  3.361 3.133 2.379 1.429 1.047 0.2822
1979  5.04  4.749 3.799 2.488 1.855 0.5043
1980  3.367 3.156 2.441 1.503 1.127 0.312
1981  3.366 3.193 2.586 1.706 1.294 0.3578
1982  3.364 3.172 2.501 1.558 1.166 0.3194
1983  3.364 3.147 2.417 1.455 1.067 0.2883
1984  3.363 3.171 2.5   1.546 1.146 0.3115
1985  3.364 3.186 2.554 1.615 1.211 0.3321
1986  3.364 3.158 2.462 1.544 1.148 0.3138
1987  3.364 3.163 2.463 1.483 1.095 0.2976
1988  3.36  2.989 1.91  0.9001      0.6181      0.1566
1989  3.359 2.992 1.927 0.9279      0.6389      0.1621
1990  3.359 3.017 1.993 0.9702      0.6677      0.1691

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 15.67 14.63 11.13 6.646 4.886 1.308
0.0645161290322581      5.04  4.749 3.799 2.488 1.855 0.5043
0.0967741935483871      3.77  3.558 3.026 1.949 1.455 0.3976
0.129032258064516 3.376 3.193 2.586 1.706 1.294 0.3578
0.161290322580645 3.367 3.191 2.568 1.616 1.211 0.3331
0.193548387096774 3.366 3.186 2.554 1.615 1.204 0.3321
0.225806451612903 3.365 3.172 2.501 1.558 1.166 0.3194
0.258064516129032 3.364 3.172 2.5   1.546 1.148 0.3138
0.290322580645161 3.364 3.171 2.493 1.544 1.146 0.312
0.32258064516129  3.364 3.163 2.473 1.516 1.127 0.3115
0.354838709677419 3.364 3.163 2.472 1.503 1.118 0.3014
0.387096774193548 3.364 3.163 2.463 1.496 1.104 0.2997
0.419354838709677 3.364 3.16  2.462 1.494 1.095 0.2976
0.451612903225806 3.363 3.159 2.452 1.483 1.094 0.2945
0.483870967741936 3.363 3.158 2.441 1.477 1.085 0.2915
0.516129032258065 3.363 3.156 2.441 1.455 1.067 0.2883
0.548387096774194 3.363 3.154 2.43  1.433 1.047 0.2822
0.580645161290323 3.362 3.154 2.417 1.429 1.046 0.2803
0.612903225806452 3.362 3.147 2.409 1.428 1.045 0.2794
0.645161290322581 3.362 3.142 2.393 1.418 1.035 0.2763
0.67741935483871  3.362 3.139 2.39  1.415 1.022 0.2707
0.709677419354839 3.361 3.138 2.379 1.38  0.9986      0.2696
0.741935483870968 3.361 3.133 2.376 1.358 0.9808      0.2596
0.774193548387097 3.361 3.131 2.359 1.358 0.9748      0.2576
0.806451612903226 3.361 3.127 2.34  1.339 0.9707      0.2564
0.838709677419355 3.361 3.113 2.304 1.337 0.9692      0.2553
0.870967741935484 3.36  3.091 2.233 1.262 0.9067      0.2384
0.903225806451613 3.359 3.017 1.993 0.9702      0.6677      0.1691
0.935483870967742 3.359 2.992 1.927 0.9279      0.6389      0.1621
0.967741935483871 3.359 2.989 1.91  0.9001      0.6181      0.1566
```

```
0.1   3.7306      3.5215      2.982 1.9247      1.4389      0.39362
                              Average of yearly averages:   0.32254

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pots16-02
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  16-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as pots1702.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.359 3.16  2.47  1.513 1.115 0.2988
1962  41.31 38.59 29.36 17.37 12.69 3.393
1963  3.403 3.186 2.427 1.392 1.009 0.2795
1964  3.363 3.154 2.44  1.475 1.083 0.291
1965  3.362 3.139 2.372 1.353 0.9772      0.2586
1966  3.361 3.138 2.39  1.432 1.045 0.2791
1967  3.363 3.172 2.487 1.488 1.099 0.3001
1968  3.365 3.191 2.564 1.61  1.199 0.3319
1969  3.916 3.695 3.092 1.981 1.477 0.4033
```

```
1970  3.364 3.142 2.392 1.416 1.033 0.2758
1971  3.362 3.154 2.425 1.409 1.017 0.2682
1972  3.361 3.131 2.357 1.354 0.972 0.2545
1973  3.361 3.09  2.235 1.263 0.9075      0.2385
1974  3.362 3.163 2.47  1.492 1.091 0.2936
1975  3.363 3.163 2.446 1.421 1.04  0.2789
1976  3.362 3.113 2.305 1.339 0.9709      0.2564
1977  3.362 3.127 2.338 1.334 0.9671      0.257
1978  3.361 3.133 2.38  1.43  1.047 0.2822
1979  5.212 4.911 3.91  2.529 1.882 0.5111
1980  3.367 3.156 2.443 1.508 1.131 0.3131
1981  3.366 3.193 2.586 1.705 1.292 0.3571
1982  3.364 3.172 2.499 1.556 1.164 0.3187
1983  3.364 3.147 2.417 1.454 1.066 0.288
1984  3.363 3.171 2.498 1.542 1.143 0.3106
1985  3.364 3.186 2.55  1.611 1.208 0.331
1986  3.364 3.158 2.464 1.544 1.148 0.3138
1987  3.364 3.163 2.459 1.479 1.092 0.2967
1988  3.36  2.989 1.908 0.8983      0.6168      0.1562
1989  3.359 2.992 1.926 0.9272      0.6384      0.162
1990  3.359 3.017 1.991 0.9679      0.6659      0.1687

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 41.31 38.59 29.36 17.37 12.69 3.393
0.0645161290322581      5.212 4.911 3.91  2.529 1.882 0.5111
0.0967741935483871      3.916 3.695 3.092 1.981 1.477 0.4033
0.129032258064516 3.403 3.193 2.586 1.705 1.292 0.3571
0.161290322580645 3.367 3.191 2.564 1.611 1.208 0.3319
0.193548387096774 3.366 3.186 2.55  1.61  1.199 0.331
0.225806451612903 3.365 3.186 2.499 1.556 1.164 0.3187
0.258064516129032 3.364 3.172 2.498 1.544 1.148 0.3138
0.290322580645161 3.364 3.172 2.487 1.542 1.143 0.3131
0.32258064516129  3.364 3.171 2.47  1.513 1.131 0.3106
0.354838709677419 3.364 3.163 2.47  1.508 1.115 0.3001
0.387096774193548 3.364 3.163 2.464 1.492 1.099 0.2988
0.419354838709677 3.364 3.163 2.459 1.488 1.092 0.2967
0.451612903225806 3.363 3.16  2.446 1.479 1.091 0.2936
0.483870967741936 3.363 3.158 2.443 1.475 1.083 0.291
0.516129032258065 3.363 3.156 2.44  1.454 1.066 0.288
0.548387096774194 3.363 3.154 2.427 1.432 1.047 0.2822
0.580645161290323 3.362 3.154 2.425 1.43  1.045 0.2795
0.612903225806452 3.362 3.147 2.417 1.421 1.04  0.2791
0.645161290322581 3.362 3.142 2.392 1.416 1.033 0.2789
0.67741935483871  3.362 3.139 2.39  1.409 1.017 0.2758
0.709677419354839 3.362 3.138 2.38  1.392 1.009 0.2682
0.741935483870968 3.361 3.133 2.372 1.354 0.9772      0.2586
0.774193548387097 3.361 3.131 2.357 1.353 0.972 0.257
0.806451612903226 3.361 3.127 2.338 1.339 0.9709      0.2564
0.838709677419355 3.361 3.113 2.305 1.334 0.9671      0.2545
0.870967741935484 3.36  3.09  2.235 1.263 0.9075      0.2385
0.903225806451613 3.359 3.017 1.991 0.9679      0.6659      0.1687
0.935483870967742 3.359 2.992 1.926 0.9272      0.6384      0.162
0.967741935483871 3.359 2.989 1.908 0.8983      0.6168      0.1562

0.1   3.8647      3.6448      3.0414      1.9534      1.4585
      0.39868
```

```
                              Average of yearly averages:
      0.392246666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: pots1702
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  17-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as preP0902.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.359 3.16  2.479 1.533 1.135 0.305
1962  86.61 81.16 62.33 37.61 27.56 7.364
1963  25.93 24.27 18.6  10.73 7.854 2.129
1964  3.394 3.184 2.472 1.512 1.116 0.3057
1965  3.362 3.139 2.393 1.386 1.003 0.2658
1966  3.361 3.138 2.39  1.436 1.052 0.2815
1967  3.363 3.172 2.514 1.53  1.132 0.3095
1968  3.365 3.191 2.579 1.646 1.232 0.3412
1969  3.368 3.178 2.668 1.75  1.313 0.3601
```

1970 24.03 22.44 17.13 10.2 7.478 1.995
1971 3.384 3.176 2.468 1.465 1.063 0.2846
1972 3.362 3.131 2.365 1.376 0.9918   0.2601
1973 3.361 3.091 2.227 1.254 0.9022   0.2373
1974 3.361 3.163 2.484 1.522 1.118 0.3011
1975 3.363 3.163 2.477 1.468 1.076 0.289
1976 26.45 24.49 18.1 10.5 7.622 2.011
1977 3.383 3.148 2.368 1.367 0.9935   0.268
1978 393   374   286   172   126   34.03
1979 3.862 3.657 3.188 2.185 1.677 0.5483
1980 3.372 3.161 2.445 1.506 1.13 0.3138
1981 4.734 4.491 3.636 2.409 1.836 0.5091
1982 3.367 3.174 2.51 1.574 1.181 0.3245
1983 3.364 3.148 2.419 1.463 1.075 0.2907
1984 3.364 3.171 2.507 1.565 1.164 0.3169
1985 3.364 3.186 2.564 1.638 1.233 0.3391
1986 3.364 3.159 2.635 1.659 1.238 0.3389
1987 3.364 3.163 2.657 1.642 1.217 0.3313
1988 3.361 2.989 1.917 0.9102   0.6253   0.1584
1989 3.359 2.992 1.929 0.9316   0.6418   0.1629
1990 3.359 3.017 2.002 0.9832   0.6778   0.1717

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 393   374   286   172   126   34.03
0.0645161290322581   86.61 81.16 62.33 37.61 27.56 7.364
0.0967741935483871   26.45 24.49 18.6 10.73 7.854 2.129
0.129032258064516 25.93 24.27 18.1 10.5 7.622 2.011
0.161290322580645 24.03 22.44 17.13 10.2 7.478 1.995
0.193548387096774 4.734 4.491 3.636 2.409 1.836 0.5483
0.225806451612903 3.862 3.657 3.188 2.185 1.677 0.5091
0.258064516129032 3.394 3.191 2.668 1.75 1.313 0.3601
0.290322580645161 3.384 3.186 2.657 1.659 1.238 0.3412
0.32258064516129 3.383 3.184 2.635 1.646 1.233 0.3391
0.354838709677419 3.372 3.178 2.579 1.642 1.232 0.3389
0.387096774193548 3.368 3.176 2.564 1.638 1.217 0.3313
0.419354838709677 3.367 3.174 2.514 1.574 1.181 0.3245
0.451612903225806 3.365 3.172 2.51 1.565 1.164 0.3169
0.483870967741936 3.364 3.171 2.507 1.533 1.135 0.3138
0.516129032258065 3.364 3.163 2.484 1.53 1.132 0.3095
0.548387096774194 3.364 3.163 2.479 1.522 1.13 0.3057
0.580645161290323 3.364 3.163 2.477 1.512 1.118 0.305
0.612903225806452 3.364 3.161 2.472 1.506 1.116 0.3011
0.645161290322581 3.363 3.16 2.468 1.468 1.076 0.2907
0.67741935483871 3.363 3.159 2.445 1.465 1.075 0.289
0.709677419354839 3.362 3.148 2.419 1.463 1.063 0.2846
0.741935483870968 3.362 3.148 2.393 1.436 1.052 0.2815
0.774193548387097 3.361 3.139 2.39 1.386 1.003 0.268
0.806451612903226 3.361 3.138 2.368 1.376 0.9935   0.2658
0.838709677419355 3.361 3.131 2.365 1.367 0.9918   0.2601
0.870967741935484 3.361 3.091 2.227 1.254 0.9022   0.2373
0.903225806451613 3.359 3.017 2.002 0.9832   0.6778   0.1717
0.935483870967742 3.359 2.992 1.929 0.9316   0.6418   0.1629
0.967741935483871 3.359 2.989 1.917 0.9102   0.6253   0.1584

0.1   26.398   24.468   18.55 10.707   7.8308   2.1172

```
                              Average of yearly averages:
      1.83811666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preP0902
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.72  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  09-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as preP09022.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  4.788 4.488 3.476 2.652 2.143 0.5975
1962  88.42 82.85 63.64 39.44 29.06 7.788
1963  26.48 24.78 18.99 12    8.888 2.426
1964  4.716 4.412 3.389 2.597 2.098 0.5934
1965  57.5  53.06 38.74 21.84 15.68 4.312
1966  4.71  4.404 3.379 2.577 2.058 0.581
1967  4.785 4.456 3.367 2.614 2.115 0.6048
1968  4.894 4.602 3.604 2.772 2.274 0.6612
1969  5.077 4.786 3.785 2.919 2.378 0.6783
```

1970	24.53	22.92	17.49	11.47	8.566	2.305
1971	4.699	4.359	3.246	2.514	1.97	0.54
1972	4.55	4.215	3.125	2.397	1.874	0.5065
1973	4.437	4.105	3.364	2.459	1.965	0.5368
1974	4.781	4.468	3.42	2.621	2.089	0.5847
1975	4.703	4.354	3.218	2.513	2.008	0.5608
1976	27	25	18.48	11.73	8.684	2.311
1977	4.572	4.227	3.112	2.4	1.9	0.5281
1978	401	381	292	177	130	35.02
1979	5.543	5.231	4.163	3.353	2.731	0.8632
1980	4.712	4.42	3.428	2.615	2.18	0.6371
1981	5.661	5.378	4.415	3.675	3.033	0.8751
1982	4.841	4.549	3.647	2.765	2.288	0.6585
1983	4.703	4.397	3.373	2.569	2.06	0.5802
1984	4.79	4.495	3.492	2.674	2.182	0.6217
1985	4.924	4.637	3.651	2.798	2.308	0.6632
1986	7.463	7.052	5.615	3.711	3.133	0.9086
1987	4.909	4.583	3.492	2.746	2.213	0.6288
1988	3.959	3.491	2.178	1.681	1.224	0.3148
1989	4.023	3.579	2.298	1.746	1.274	0.3281
1990	4.083	3.639	2.353	1.806	1.315	0.3373

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	401	381	292	177	130	35.02
0.0645161290322581		88.42	82.85	63.64	39.44	29.06 7.788
0.0967741935483871		57.5	53.06	38.74	21.84	15.68 4.312
0.129032258064516	27	25	18.99	12	8.888	2.426
0.161290322580645	26.48	24.78	18.48	11.73	8.684	2.311
0.193548387096774	24.53	22.92	17.49	11.47	8.566	2.305
0.225806451612903	7.463	7.052	5.615	3.711	3.133	0.9086
0.258064516129032	5.661	5.378	4.415	3.675	3.033	0.8751
0.290322580645161	5.543	5.231	4.163	3.353	2.731	0.8632
0.32258064516129	5.077	4.786	3.785	2.919	2.378	0.6783
0.354838709677419	4.924	4.637	3.651	2.798	2.308	0.6632
0.387096774193548	4.909	4.602	3.647	2.772	2.288	0.6612
0.419354838709677	4.894	4.583	3.604	2.765	2.274	0.6585
0.451612903225806	4.841	4.549	3.492	2.746	2.213	0.6371
0.483870967741936	4.79	4.495	3.492	2.674	2.182	0.6288
0.516129032258065	4.788	4.488	3.476	2.652	2.18	0.6217
0.548387096774194	4.785	4.468	3.428	2.621	2.143	0.6048
0.580645161290323	4.781	4.456	3.42	2.615	2.115	0.5975
0.612903225806452	4.716	4.42	3.389	2.614	2.098	0.5934
0.645161290322581	4.712	4.412	3.379	2.597	2.089	0.5847
0.67741935483871	4.71	4.404	3.373	2.577	2.06	0.581
0.709677419354839	4.703	4.397	3.367	2.569	2.058	0.5802
0.741935483870968	4.703	4.359	3.364	2.514	2.008	0.5608
0.774193548387097	4.699	4.354	3.246	2.513	1.97	0.54
0.806451612903226	4.572	4.227	3.218	2.459	1.965	0.5368
0.838709677419355	4.55	4.215	3.125	2.4	1.9	0.5281
0.870967741935484	4.437	4.105	3.112	2.397	1.874	0.5065
0.903225806451613	4.083	3.639	2.353	1.806	1.315	0.3373
0.935483870967742	4.023	3.579	2.298	1.746	1.274	0.3281
0.967741935483871	3.959	3.491	2.178	1.681	1.224	0.3148

0.1	54.45	50.254	36.765	20.856	15.0008	4.1234

```
                              Average of yearly averages:
      2.28505666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preP09022
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  09-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     6.86  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as preP10022.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  4.784 4.485 3.473 2.649 2.138 0.5961
1962  165   155   119   71.82 52.71 14.09
1963  44.19 41.35 31.69 19.31 14.14 3.85
1964  4.729 4.424 3.4   2.61  2.108 0.6002
1965  4.594 4.244 3.112 2.411 1.895 0.5191
1966  4.669 4.364 3.342 2.533 2.019 0.5597
```

1967 4.775 4.447 3.36 2.609 2.111 0.6036
1968 4.887 4.595 3.599 2.768 2.268 0.6595
1969 5.073 4.783 3.782 2.921 2.376 0.6774
1970 81.94 76.53 58.39 35.8 26.34 7.036
1971 4.73 4.389 3.273 2.549 1.997 0.5573
1972 4.546 4.212 3.122 2.394 1.87 0.5053
1973 6.195 5.731 4.453 3   2.492 0.6888
1974 4.777 4.465 3.417 2.619 2.086 0.5841
1975 4.692 4.344 3.211 2.508 2.005 0.56
1976 4.503 4.186 3.143 2.378 1.892 0.5188
1977 4.554 4.21 3.099 2.385 1.887 0.5207
1978 200   186   141   85.81 63.15 17.02
1979 5.349 5.041 4.041 3.19 2.595 0.778
1980 4.71 4.417 3.426 2.613 2.178 0.6359
1981 5.018 4.766 3.919 2.964 2.488 0.7237
1982 5.262 4.945 4.222 3.039 2.564 0.7429
1983 4.703 4.397 3.374 2.568 2.059 0.58
1984 4.786 4.491 3.489 2.671 2.178 0.6204
1985 4.919 4.632 3.647 2.795 2.304 0.6617
1986 7.84 7.409 5.859 3.808 3.208 0.9293
1987 5.069 4.732 3.607 2.908 2.334 0.662
1988 3.956 3.488 2.177 1.68 1.224 0.3146
1989 4.023 3.578 2.298 1.745 1.273 0.3278
1990 4.08 3.636 2.351 1.804 1.313 0.3367

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	200	186	141	85.81	63.15 17.02
0.0645161290322581		165	155	119	71.82 52.71 14.09
0.0967741935483871		81.94	76.53	58.39	35.8 26.34 7.036
0.129032258064516	44.19	41.35	31.69	19.31	14.14 3.85
0.161290322580645	7.84	7.409	5.859	3.808	3.208 0.9293
0.193548387096774	6.195	5.731	4.453	3.19	2.595 0.778
0.225806451612903	5.349	5.041	4.222	3.039	2.564 0.7429
0.258064516129032	5.262	4.945	4.041	3	2.492 0.7237
0.290322580645161	5.073	4.783	3.919	2.964	2.488 0.6888
0.32258064516129	5.069	4.766	3.782	2.921	2.376 0.6774
0.354838709677419	5.018	4.732	3.647	2.908	2.334 0.662
0.387096774193548	4.919	4.632	3.607	2.795	2.304 0.6617
0.419354838709677	4.887	4.595	3.599	2.768	2.268 0.6595
0.451612903225806	4.786	4.491	3.489	2.671	2.178 0.6359
0.483870967741936	4.784	4.485	3.473	2.649	2.178 0.6204
0.516129032258065	4.777	4.465	3.426	2.619	2.138 0.6036
0.548387096774194	4.775	4.447	3.417	2.613	2.111 0.6002
0.580645161290323	4.73	4.424	3.4	2.61	2.108 0.5961
0.612903225806452	4.729	4.417	3.374	2.609	2.086 0.5841
0.645161290322581	4.71	4.397	3.36	2.568	2.059 0.58
0.67741935483871	4.703	4.389	3.342	2.549	2.019 0.56
0.709677419354839	4.692	4.364	3.273	2.533	2.005 0.5597
0.741935483870968	4.669	4.344	3.211	2.508	1.997 0.5573
0.774193548387097	4.594	4.244	3.143	2.411	1.895 0.5207
0.806451612903226	4.554	4.212	3.122	2.394	1.892 0.5191
0.838709677419355	4.546	4.21	3.112	2.385	1.887 0.5188
0.870967741935484	4.503	4.186	3.099	2.378	1.87 0.5053
0.903225806451613	4.08	3.636	2.351	1.804	1.313 0.3367
0.935483870967742	4.023	3.578	2.298	1.745	1.273 0.3278
0.967741935483871	3.956	3.488	2.177	1.68	1.224 0.3146

```
0.1   78.165      73.012      55.72 34.151      25.12 6.7174
                              Average of yearly averages:   1.91532

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preP10022
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  10-2  dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     6.86  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as preP16022.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  4.766 4.468 3.448 2.626 2.11  0.5864
1962  15.99 14.94 11.37 7.828 5.91  1.602
1963  4.575 4.226 3.097 2.405 1.888 0.5287
1964  4.679 4.376 3.347 2.554 2.054 0.5743
1965  4.553 4.206 3.09  2.388 1.876 0.5135
```

```
1966  4.67  4.365 3.327 2.518 1.998 0.5526
1967  4.719 4.395 3.327 2.581 2.09  0.5976
1968  4.848 4.558 3.561 2.734 2.234 0.6495
1969  5.24  4.94  3.888 3.108 2.502 0.7093
1970  4.644 4.328 3.268 2.491 1.979 0.5472
1971  4.629 4.294 3.183 2.454 1.914 0.5204
1972  4.524 4.192 3.09  2.366 1.84  0.4962
1973  7.555 6.985 5.202 3.241 2.625 0.72
1974  4.745 4.435 3.378 2.585 2.051 0.5739
1975  4.629 4.286 3.177 2.48  1.985 0.5541
1976  4.513 4.196 3.139 2.374 1.882 0.5151
1977  4.529 4.186 3.37  2.512 2.015 0.5582
1978  4.668 4.38  3.374 2.539 2.029 0.5694
1979  7.323 6.893 5.478 4.182 3.386 0.9549
1980  4.709 4.416 3.434 2.62  2.184 0.6371
1981  5.278 5.015 4.478 3.239 2.767 0.8088
1982  4.819 4.527 3.541 2.708 2.227 0.6384
1983  4.696 4.39  3.508 2.624 2.109 0.5945
1984  4.763 4.469 3.461 2.647 2.152 0.6121
1985  4.887 4.602 3.618 2.77  2.276 0.6517
1986  4.819 4.535 3.546 2.682 2.176 0.6211
1987  4.717 4.403 3.353 2.579 2.083 0.5915
1988  3.941 3.475 2.169 1.671 1.218 0.3131
1989  4.018 3.574 2.29  1.739 1.267 0.326
1990  4.063 3.621 2.332 1.786 1.296 0.3322

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 15.99 14.94 11.37 7.828 5.91  1.602
0.0645161290322581      7.555 6.985 5.478 4.182 3.386 0.9549
0.0967741935483871      7.323 6.893 5.202 3.241 2.767 0.8088
0.129032258064516 5.278 5.015 4.478 3.239 2.625 0.72
0.161290322580645 5.24  4.94  3.888 3.108 2.502 0.7093
0.193548387096774 4.887 4.602 3.618 2.77  2.276 0.6517
0.225806451612903 4.848 4.558 3.561 2.734 2.234 0.6495
0.258064516129032 4.819 4.535 3.546 2.708 2.227 0.6384
0.290322580645161 4.819 4.527 3.541 2.682 2.184 0.6371
0.32258064516129  4.766 4.469 3.508 2.647 2.176 0.6211
0.354838709677419 4.763 4.468 3.461 2.626 2.152 0.6121
0.387096774193548 4.745 4.435 3.448 2.624 2.11  0.5976
0.419354838709677 4.719 4.416 3.434 2.62  2.109 0.5945
0.451612903225806 4.717 4.403 3.378 2.585 2.09  0.5915
0.483870967741936 4.709 4.395 3.374 2.581 2.083 0.5864
0.516129032258065 4.696 4.39  3.37  2.579 2.054 0.5743
0.548387096774194 4.679 4.38  3.353 2.554 2.051 0.5739
0.580645161290323 4.67  4.376 3.347 2.539 2.029 0.5694
0.612903225806452 4.668 4.365 3.327 2.518 2.015 0.5582
0.645161290322581 4.644 4.328 3.327 2.512 1.998 0.5541
0.67741935483871  4.629 4.294 3.268 2.491 1.985 0.5526
0.709677419354839 4.629 4.286 3.183 2.48  1.979 0.5472
0.741935483870968 4.575 4.226 3.177 2.454 1.914 0.5287
0.774193548387097 4.553 4.206 3.139 2.405 1.888 0.5204
0.806451612903226 4.529 4.196 3.097 2.388 1.882 0.5151
0.838709677419355 4.524 4.192 3.09  2.374 1.876 0.5135
0.870967741935484 4.513 4.186 3.09  2.366 1.84  0.4962
0.903225806451613 4.063 3.621 2.332 1.786 1.296 0.3322
0.935483870967742 4.018 3.574 2.29  1.739 1.267 0.326
```

```
0.967741935483871 3.941 3.475 2.169 1.671 1.218 0.3131

0.1   7.1185      6.7052      5.1296      3.2408      2.7528
      0.79992
                              Average of yearly averages:
      0.614993333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preP16022
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  16-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     6.86  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as preplt1002.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.226 2.53  1.563 1.156 0.3106
1962  165   155   119   70.77 51.77 13.83
```

1963 44.19 41.35 31.69 18.27 13.27 3.598
1964 3.488 3.274 2.544 1.557 1.151 0.3195
1965 3.433 3.205 2.442 1.411 1.022 0.2706
1966 3.431 3.203 2.44 1.466 1.074 0.2871
1967 3.433 3.238 2.565 1.557 1.152 0.3148
1968 3.435 3.257 2.633 1.677 1.253 0.3471
1969 3.438 3.244 2.738 1.789 1.341 0.3677
1970 81.93 76.52 58.39 34.75 25.41 6.768
1971 3.515 3.301 2.571 1.531 1.115 0.3083
1972 3.432 3.197 2.415 1.403 1.011 0.2651
1973 3.431 3.155 2.274 1.281 0.9216   0.2424
1974 3.431 3.229 2.535 1.55 1.138 0.3065
1975 3.433 3.229 2.527 1.493 1.094 0.2939
1976 3.432 3.178 2.349 1.363 0.9899   0.2617
1977 3.432 3.192 2.399 1.379 1.001 0.2662
1978 200   186   141   84.73 62.19 16.74
1979 3.676 3.472 3.043 2.045 1.548 0.4679
1980 3.438 3.223 2.493 1.534 1.152 0.319
1981 3.436 3.26 2.64 1.748 1.332 0.3694
1982 3.435 3.238 2.559 1.603 1.202 0.3298
1983 3.434 3.213 2.469 1.492 1.096 0.2964
1984 3.434 3.237 2.559 1.595 1.186 0.3228
1985 3.434 3.253 2.617 1.67 1.256 0.3452
1986 3.434 3.295 2.701 1.697 1.265 0.3462
1987 3.648 3.431 2.951 1.839 1.363 0.3713
1988 3.431 3.051 1.957 0.9281   0.6376   0.1616
1989 3.429 3.055 1.969 0.9505   0.6548   0.1662
1990 3.429 3.08 2.043 1.002 0.6907   0.175

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	200	186	141	84.73	62.19 16.74
0.0645161290322581		165	155	119	70.77 51.77 13.83
0.0967741935483871		81.93	76.52	58.39	34.75 25.41 6.768
0.129032258064516	44.19	41.35	31.69	18.27	13.27 3.598
0.161290322580645	3.676	3.472	3.043	2.045	1.548 0.4679
0.193548387096774	3.648	3.431	2.951	1.839	1.363 0.3713
0.225806451612903	3.515	3.301	2.738	1.789	1.341 0.3694
0.258064516129032	3.488	3.295	2.701	1.748	1.332 0.3677
0.290322580645161	3.438	3.274	2.64	1.697	1.265 0.3471
0.32258064516129	3.438	3.26	2.633	1.677	1.256 0.3462
0.354838709677419	3.436	3.257	2.617	1.67	1.253 0.3452
0.387096774193548	3.435	3.253	2.571	1.603	1.202 0.3298
0.419354838709677	3.435	3.244	2.565	1.595	1.186 0.3228
0.451612903225806	3.434	3.238	2.559	1.563	1.156 0.3195
0.483870967741936	3.434	3.238	2.559	1.557	1.152 0.319
0.516129032258065	3.434	3.237	2.544	1.557	1.152 0.3148
0.548387096774194	3.434	3.229	2.535	1.55	1.151 0.3106
0.580645161290323	3.433	3.229	2.53	1.534	1.138 0.3083
0.612903225806452	3.433	3.226	2.527	1.531	1.115 0.3065
0.645161290322581	3.433	3.223	2.493	1.493	1.096 0.2964
0.67741935483871	3.432	3.213	2.469	1.492	1.094 0.2939
0.709677419354839	3.432	3.205	2.442	1.466	1.074 0.2871
0.741935483870968	3.432	3.203	2.44	1.411	1.022 0.2706
0.774193548387097	3.431	3.197	2.415	1.403	1.011 0.2662
0.806451612903226	3.431	3.192	2.399	1.379	1.001 0.2651
0.838709677419355	3.431	3.178	2.349	1.363	0.9899 0.2617

```
0.870967741935484 3.431 3.155 2.274 1.281 0.9216      0.2424
0.903225806451613 3.429 3.08  2.043 1.002 0.6907      0.175
0.935483870967742 3.429 3.055 1.969 0.9505      0.6548      0.1662
0.967741935483871 3.429 3.051 1.957 0.9281      0.6376      0.1616

0.1   78.156      73.003      55.72 33.102      24.196      6.451
                              Average of yearly averages:   1.62561

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preplt1002
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as preplt1602.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf     modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.226 2.523 1.548 1.141 0.3059
1962  15.99 14.93 11.36 6.784 4.987 1.335
1963  3.446 3.225 2.459 1.409 1.019 0.2763
1964  3.433 3.22  2.492 1.508 1.108 0.2976
```

1965 3.432 3.204 2.426 1.386 1.001 0.265
1966 3.431 3.203 2.44 1.462 1.068 0.2852
1967 3.433 3.238 2.545 1.525 1.127 0.3076
1968 3.435 3.257 2.621 1.649 1.229 0.3401
1969 3.849 3.632 3.089 1.99 1.485 0.4059
1970 3.434 3.207 2.443 1.448 1.057 0.2821
1971 3.432 3.22 2.481 1.444 1.043 0.2752
1972 3.431 3.196 2.408 1.386 0.9951   0.2606
1973 3.431 3.155 2.28 1.288 0.9256   0.2433
1974 3.432 3.229 2.524 1.527 1.117 0.3006
1975 3.433 3.229 2.504 1.458 1.067 0.2861
1976 3.432 3.178 2.352 1.367 0.9909   0.2618
1977 3.432 3.192 2.389 1.365 0.9894   0.263
1978 3.431 3.199 2.428 1.459 1.069 0.2881
1979 5.145 4.848 3.878 2.54 1.894 0.5148
1980 3.437 3.221 2.491 1.534 1.151 0.3185
1981 3.436 3.26 2.64 1.742 1.321 0.3653
1982 3.435 3.238 2.553 1.591 1.191 0.3261
1983 3.434 3.213 2.468 1.486 1.089 0.2943
1984 3.434 3.237 2.552 1.578 1.17 0.318
1985 3.434 3.253 2.607 1.648 1.237 0.339
1986 3.434 3.224 2.513 1.576 1.171 0.3203
1987 3.434 3.228 2.514 1.514 1.118 0.3038
1988 3.43 3.051 1.95 0.9188   0.631 0.1598
1989 3.429 3.055 1.967 0.9472   0.6522   0.1655
1990 3.429 3.08 2.035 0.9904   0.6816   0.1727

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 15.99 14.93 11.36 6.784 4.987 1.335
0.0645161290322581   5.145 4.848 3.878 2.54 1.894 0.5148
0.0967741935483871   3.849 3.632 3.089 1.99 1.485 0.4059
0.129032258064516 3.446 3.26 2.64 1.742 1.321 0.3653
0.161290322580645 3.437 3.257 2.621 1.649 1.237 0.3401
0.193548387096774 3.436 3.253 2.607 1.648 1.229 0.339
0.225806451612903 3.435 3.238 2.553 1.591 1.191 0.3261
0.258064516129032 3.435 3.238 2.552 1.578 1.171 0.3203
0.290322580645161 3.434 3.237 2.545 1.576 1.17 0.3185
0.32258064516129 3.434 3.229 2.524 1.548 1.151 0.318
0.354838709677419 3.434 3.229 2.523 1.534 1.141 0.3076
0.387096774193548 3.434 3.228 2.514 1.527 1.127 0.3059
0.419354838709677 3.434 3.226 2.513 1.525 1.118 0.3038
0.451612903225806 3.434 3.225 2.504 1.514 1.117 0.3006
0.483870967741936 3.433 3.224 2.492 1.508 1.108 0.2976
0.516129032258065 3.433 3.221 2.491 1.486 1.089 0.2943
0.548387096774194 3.433 3.22 2.481 1.462 1.069 0.2881
0.580645161290323 3.432 3.22 2.468 1.459 1.068 0.2861
0.612903225806452 3.432 3.213 2.459 1.458 1.067 0.2852
0.645161290322581 3.432 3.207 2.443 1.448 1.057 0.2821
0.67741935483871 3.432 3.204 2.44 1.444 1.043 0.2763
0.709677419354839 3.432 3.203 2.428 1.409 1.019 0.2752
0.741935483870968 3.431 3.199 2.426 1.386 1.001 0.265
0.774193548387097 3.431 3.196 2.408 1.386 0.9951   0.263
0.806451612903226 3.431 3.192 2.389 1.367 0.9909   0.2618
0.838709677419355 3.431 3.178 2.352 1.365 0.9894   0.2606
0.870967741935484 3.43 3.155 2.28 1.288 0.9256   0.2433
0.903225806451613 3.429 3.08 2.035 0.9904   0.6816   0.1727

```
0.935483870967742 3.429 3.055 1.967 0.9472      0.6522      0.1655
0.967741935483871 3.429 3.051 1.95  0.9188      0.631 0.1598

0.1   3.8087      3.5948      3.0441      1.9652      1.4686
      0.40184
                              Average of yearly averages:   0.32925

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: preplt1602
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  16-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)

stored as sugarpp.out
Chemical: EPTC
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
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  21.03 20.07 16.15 10.21 7.639 2.098
1962  31.75 30.2  24.43 15.44 11.59 3.27
1963  31.12 29.23 26.34 17.68 13.38 3.699
```

1964	3.501	3.313	2.648	1.688	1.257	0.345
1965	8.188	7.666	5.922	3.51	3.054	0.9112
1966	5.262	4.995	3.992	2.669	2	0.5491
1967	7.975	7.574	6.283	4.583	3.778	1.107
1968	3.879	3.68	3.094	2.701	2.22	0.631
1969	98.04	92.84	71.15	46.08	34.82	9.522
1970	7.842	7.499	6.053	3.722	3.246	0.9591
1971	3.448	3.248	2.506	1.52	1.153	0.326
1972	4.245	3.997	3.282	2.344	1.763	0.4777
1973	13.14	12.37	9.874	6.315	4.984	1.41
1974	3.457	3.265	2.57	1.719	1.401	0.3974
1975	3.437	3.261	2.581	1.628	1.232	0.3432
1976	30.44	28.77	22.98	14.95	11.26	3.156
1977	3.495	3.306	2.614	1.641	1.239	0.3411
1978	24.02	23.03	18.73	12.14	9.167	2.562
1979	3.617	3.403	2.693	2.33	1.825	0.5023
1980	20.66	19.26	14.84	9.084	6.871	1.909
1981	27.21	25.62	20.62	13.19	9.94	2.685
1982	3.469	3.265	2.588	2.051	1.951	0.5832
1983	43.88	41.44	35.66	23.07	17.17	4.657
1984	4.829	4.57	3.666	2.787	2.127	0.5825
1985	4.505	4.311	3.609	2.806	2.178	0.6059
1986	31.03	28.83	21.91	16.1	12.33	3.449
1987	4.656	4.378	3.488	3.029	2.511	0.7263
1988	3.444	3.246	2.62	2.022	1.612	0.4676
1989	4.877	4.536	3.409	2.885	2.619	0.7528
1990	4.636	4.353	3.498	2.486	1.9	0.5294

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	98.04	92.84	71.15	46.08	34.82	9.522
0.0645161290322581		43.88	41.44	35.66	23.07	17.17	4.657
0.0967741935483871		31.75	30.2	26.34	17.68	13.38	3.699
0.129032258064516	31.12	29.23	24.43	16.1	12.33	3.449
0.161290322580645	31.03	28.83	22.98	15.44	11.59	3.27
0.193548387096774	30.44	28.77	21.91	14.95	11.26	3.156
0.225806451612903	27.21	25.62	20.62	13.19	9.94	2.685
0.258064516129032	24.02	23.03	18.73	12.14	9.167	2.562
0.290322580645161	21.03	20.07	16.15	10.21	7.639	2.098
0.32258064516129	20.66	19.26	14.84	9.084	6.871	1.909
0.354838709677419	13.14	12.37	9.874	6.315	4.984	1.41
0.387096774193548	8.188	7.666	6.283	4.583	3.778	1.107
0.419354838709677	7.975	7.574	6.053	3.722	3.246	0.9591
0.451612903225806	7.842	7.499	5.922	3.51	3.054	0.9112
0.483870967741936	5.262	4.995	3.992	3.029	2.619	0.7528
0.516129032258065	4.877	4.57	3.666	2.885	2.511	0.7263
0.548387096774194	4.829	4.536	3.609	2.806	2.22	0.631
0.580645161290323	4.656	4.378	3.498	2.787	2.178	0.6059
0.612903225806452	4.636	4.353	3.488	2.701	2.127	0.5832
0.645161290322581	4.505	4.311	3.409	2.669	2	0.5825
0.67741935483871	4.245	3.997	3.282	2.486	1.951	0.5491
0.709677419354839	3.879	3.68	3.094	2.344	1.9	0.5294
0.741935483870968	3.617	3.403	2.693	2.33	1.825	0.5023
0.774193548387097	3.501	3.313	2.648	2.051	1.763	0.4777
0.806451612903226	3.495	3.306	2.62	2.022	1.612	0.4676
0.838709677419355	3.469	3.265	2.614	1.719	1.401	0.3974
0.870967741935484	3.457	3.265	2.588	1.688	1.257	0.345

```
0.903225806451613 3.448 3.261 2.581 1.641 1.239 0.3432
0.935483870967742 3.444 3.248 2.57  1.628 1.232 0.3411
0.967741935483871 3.437 3.246 2.506 1.52  1.153 0.326

0.1   31.687      30.103      26.149      17.522      13.275      3.674
                              Average of yearly averages:
      1.65182666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sugarpp
Metfile:    w93193.dvf
PRZM scenario:    CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  25-1  dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as saff2a.out
Chemical: EPTC
PRZM environment: CAWheatRLA.txt    modified Friday, 21 March 2008 at
09:44:21
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  12.71 12.17 10.68 9.177 7.246 2.125
1962  30.15 29.05 23.29 15.02 11.89 3.462
1963  54.66 51.35 46.15 30.36 22.61 6.222
1964  10.51 9.937 8.794 6.358 4.972 1.484
```

1965	7.086	6.679	5.966	4.387	3.49	1.072
1966	8.303	7.83	6.735	5.176	4.239	1.308
1967	12.1	11.57	10.01	7.839	6.621	1.999
1968	7.943	7.555	6.479	4.794	3.976	1.244
1969	58.32	54.64	48.21	32.07	24.35	6.692
1970	27.04	25.94	21.84	16.82	13.18	3.707
1971	8.842	8.249	7.001	5.417	4.178	1.24
1972	16.84	15.85	13.36	9.801	7.411	2.124
1973	15.92	15.02	11.9	8.968	7.521	2.198
1974	15.62	14.84	12.04	10.31	8.585	2.467
1975	10.72	10.17	8.262	6.335	5.109	1.503
1976	31.41	29.95	25.04	16.74	12.6	3.553
1977	14.44	13.66	11.71	10.24	9.166	2.662
1978	19.58	18.73	14.92	10.17	8.562	2.504
1979	12.77	12.09	10.55	8.61	6.84	1.914
1980	18.68	17.45	13.96	10.46	8.816	2.522
1981	15.79	15.05	12.23	9.026	7.03	1.995
1982	26.87	25.28	19.83	14.55	11.65	3.27
1983	52.93	50.7	39.39	28.4	21.86	6.051
1984	17.77	16.8	13.61	9.086	6.872	1.974
1985	13.62	13.04	12.09	9.013	6.998	2.13
1986	39.39	36.98	32.42	21.53	16.14	4.744
1987	27.67	26.33	21.44	16.8	13.69	3.929
1988	12.04	11.49	10.42	7.967	7.034	2.178
1989	12.97	12.33	10.2	8.814	7.448	2.132
1990	22.22	20.88	16.52	14.15	11.32	3.239

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	58.32	54.64	48.21	32.07	24.35	6.692
0.0645161290322581		54.66	51.35	46.15	30.36	22.61 6.222
0.0967741935483871		52.93	50.7	39.39	28.4	21.86 6.051
0.129032258064516	39.39	36.98	32.42	21.53	16.14	4.744
0.161290322580645	31.41	29.95	25.04	16.82	13.69	3.929
0.193548387096774	30.15	29.05	23.29	16.8	13.18	3.707
0.225806451612903	27.67	26.33	21.84	16.74	12.6	3.553
0.258064516129032	27.04	25.94	21.44	15.02	11.89	3.462
0.290322580645161	26.87	25.28	19.83	14.55	11.65	3.27
0.32258064516129	22.22	20.88	16.52	14.15	11.32	3.239
0.354838709677419	19.58	18.73	14.92	10.46	9.166	2.662
0.387096774193548	18.68	17.45	13.96	10.31	8.816	2.522
0.419354838709677	17.77	16.8	13.61	10.24	8.585	2.504
0.451612903225806	16.84	15.85	13.36	10.17	8.562	2.467
0.483870967741936	15.92	15.05	12.23	9.801	7.521	2.198
0.516129032258065	15.79	15.02	12.09	9.177	7.448	2.178
0.548387096774194	15.62	14.84	12.04	9.086	7.411	2.132
0.580645161290323	14.44	13.66	11.9	9.026	7.246	2.13
0.612903225806452	13.62	13.04	11.71	9.013	7.034	2.125
0.645161290322581	12.97	12.33	10.68	8.968	7.03	2.124
0.67741935483871	12.77	12.17	10.55	8.814	6.998	1.999
0.709677419354839	12.71	12.09	10.42	8.61	6.872	1.995
0.741935483870968	12.1	11.57	10.2	7.967	6.84	1.974
0.774193548387097	12.04	11.49	10.01	7.839	6.621	1.914
0.806451612903226	10.72	10.17	8.794	6.358	5.109	1.503
0.838709677419355	10.51	9.937	8.262	6.335	4.972	1.484
0.870967741935484	8.842	8.249	7.001	5.417	4.239	1.308
0.903225806451613	8.303	7.83	6.735	5.176	4.178	1.244

```
0.935483870967742 7.943 7.555 6.479 4.794 3.976 1.24
0.967741935483871 7.086 6.679 5.966 4.387 3.49  1.072

0.1   51.576      49.328      38.693      27.713      21.288
      5.9203
                              Average of yearly averages:
      2.78813333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: saff2a
Metfile:    w93193.dvf
PRZM scenario:    CAWheatRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as saff0103.out
Chemical: EPTC
PRZM environment: CAWheatRLF.txt    modified Tueday, 20 February 2007
at 13:03:36
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  13.46 12.56 10.78 7.742 5.838 1.628
```

1962	9.94	9.616	8.33	6.649	5.103	1.455
1963	14.86	13.81	12.13	8.675	6.502	1.779
1964	13.95	13.01	11.17	7.648	5.702	1.537
1965	32.77	30.67	24.32	15.42	11.29	3.038
1966	15.67	14.62	12.93	9.25	6.968	1.923
1967	20.12	18.74	15.12	9.428	6.949	1.917
1968	14.23	13.35	12.19	8.118	6.033	1.635
1969	8.286	7.911	6.857	5.227	4.091	1.153
1970	51.63	49.16	40.58	25.29	18.5	5
1971	17.07	16	13.72	9.066	6.68	1.797
1972	17.57	16.41	14.67	9.718	7.169	1.949
1973	4.857	4.569	3.816	3.087	2.486	0.7134
1974	10.13	9.4	7.431	5.003	3.72	1.009
1975	14.92	14.24	11.59	7.191	5.368	1.485
1976	9.203	8.628	8.059	6.199	4.875	1.365
1977	15.93	14.8	12.58	8.389	6.166	1.659
1978	17.14	16.01	12.51	7.626	5.604	1.504
1979	12.02	11.48	9.247	6.555	4.872	1.311
1980	13.76	12.74	10.06	6.233	4.547	1.205
1981	6.621	6.164	5.057	4.236	3.218	0.8671
1982	9.082	8.59	6.839	4.476	3.368	0.9099
1983	38.57	35.84	27.76	16.76	12.23	3.251
1984	17.3	16.16	13.89	9.327	6.824	1.823
1985	6.781	6.438	5.474	3.879	3.012	0.8497
1986	15.16	14.27	12.42	7.957	5.858	1.6
1987	20.07	19	15.17	10.53	7.935	2.197
1988	10.57	9.911	8.843	6.107	4.722	1.324
1989	27.34	25.39	20.96	14.52	10.74	2.882
1990	9.791	9.395	8.645	6.482	5.005	1.409

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	51.63	49.16	40.58	25.29	18.5	5
0.0645161290322581		38.57	35.84	27.76	16.76	12.23	3.251
0.0967741935483871		32.77	30.67	24.32	15.42	11.29	3.038
0.129032258064516	27.34	25.39	20.96	14.52	10.74	2.882
0.161290322580645	20.12	19	15.17	10.53	7.935	2.197
0.193548387096774	20.07	18.74	15.12	9.718	7.169	1.949
0.225806451612903	17.57	16.41	14.67	9.428	6.968	1.923
0.258064516129032	17.3	16.16	13.89	9.327	6.949	1.917
0.290322580645161	17.14	16.01	13.72	9.25	6.824	1.823
0.32258064516129	17.07	16	12.93	9.066	6.68	1.797
0.354838709677419	15.93	14.8	12.58	8.675	6.502	1.779
0.387096774193548	15.67	14.62	12.51	8.389	6.166	1.659
0.419354838709677	15.16	14.27	12.42	8.118	6.033	1.635
0.451612903225806	14.92	14.24	12.19	7.957	5.858	1.628
0.483870967741936	14.86	13.81	12.13	7.742	5.838	1.6
0.516129032258065	14.23	13.35	11.59	7.648	5.702	1.537
0.548387096774194	13.95	13.01	11.17	7.626	5.604	1.504
0.580645161290323	13.76	12.74	10.78	7.191	5.368	1.485
0.612903225806452	13.46	12.56	10.06	6.649	5.103	1.455
0.645161290322581	12.02	11.48	9.247	6.555	5.005	1.409
0.67741935483871	10.57	9.911	8.843	6.482	4.875	1.365
0.709677419354839	10.13	9.616	8.645	6.233	4.872	1.324
0.741935483870968	9.94	9.4	8.33	6.199	4.722	1.311
0.774193548387097	9.791	9.395	8.059	6.107	4.547	1.205
0.806451612903226	9.203	8.628	7.431	5.227	4.091	1.153

```
0.838709677419355 9.082 8.59  6.857 5.003 3.72  1.009
0.870967741935484 8.286 7.911 6.839 4.476 3.368 0.9099
0.903225806451613 6.781 6.438 5.474 4.236 3.218 0.8671
0.935483870967742 6.621 6.164 5.057 3.879 3.012 0.8497
0.967741935483871 4.857 4.569 3.816 3.087 2.486 0.7134

0.1   32.227      30.142      23.984      15.33 11.235      3.0224
                              Average of yearly averages:   1.73917

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: saff0103
Metfile:    w93193.dvf
PRZM scenario:    CAWheatRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-3   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as saff.out
Chemical: EPTC
PRZM environment: CAWheatRLF.txt    modified Tueday, 20 February 2007
at 12:03:36
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  12.37 11.8  10.33 6.907 5.201 1.517
1962  19.71 18.89 15.49 10.14 8.254 2.418
1963  9.957 9.424 8.329 5.808 4.364 1.281
```

1964	16.64	15.72	13.25	8.68	6.46	1.872
1965	7.299	6.876	5.643	3.72	2.838	0.8728
1966	4.673	4.411	3.905	2.874	2.341	0.7062
1967	6.82	6.466	5.525	3.759	2.946	0.8611
1968	2.644	2.51	2.186	2.04	1.75	0.5073
1969	58.3	54.63	47.96	29.47	21.95	5.983
1970	26.77	25.67	21.52	14.09	10.59	2.93
1971	19.7	18.36	14.22	9.238	6.774	1.914
1972	21.35	20.09	16.06	10.37	7.678	2.172
1973	8.994	8.548	7.384	5.743	4.498	1.281
1974	15.6	14.82	12.02	7.883	5.946	1.633
1975	10.39	9.859	8.008	7.095	5.747	1.691
1976	26.87	25.4	21.67	13.97	10.48	2.987
1977	20	18.82	15.67	11.46	10.05	2.895
1978	8.772	8.252	6.735	4.93	3.805	1.057
1979	12.74	12.06	10.52	6.995	5.3	1.454
1980	11.57	10.91	8.945	5.524	4.142	1.124
1981	7.922	7.462	6.513	4.493	3.441	0.9791
1982	26.86	25.27	19.82	13.19	10.11	2.786
1983	31.26	29.96	24.37	15.66	11.6	3.184
1984	27.19	25.7	21.87	14.26	10.53	2.938
1985	15.27	14.6	12.77	8.559	6.502	1.981
1986	5.95	5.669	5.122	4.446	3.645	1.054
1987	27.86	26.52	21.57	14.5	11.14	3.108
1988	7.042	6.64	5.576	4.674	3.856	1.125
1989	16.38	15.7	13.91	10.33	8.704	2.484
1990	19.02	18.21	15.01	10.04	7.646	2.154

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	58.3	54.63	47.96	29.47	21.95	5.983
0.0645161290322581		31.26	29.96	24.37	15.66	11.6	3.184
0.0967741935483871		27.86	26.52	21.87	14.5	11.14	3.108
0.129032258064516	27.19	25.7	21.67	14.26	10.59	2.987
0.161290322580645	26.87	25.67	21.57	14.09	10.53	2.938
0.193548387096774	26.86	25.4	21.52	13.97	10.48	2.93
0.225806451612903	26.77	25.27	19.82	13.19	10.11	2.895
0.258064516129032	21.35	20.09	16.06	11.46	10.05	2.786
0.290322580645161	20	18.89	15.67	10.37	8.704	2.484
0.32258064516129	19.71	18.82	15.49	10.33	8.254	2.418
0.354838709677419	19.7	18.36	15.01	10.14	7.678	2.172
0.387096774193548	19.02	18.21	14.22	10.04	7.646	2.154
0.419354838709677	16.64	15.72	13.91	9.238	6.774	1.981
0.451612903225806	16.38	15.7	13.25	8.68	6.502	1.914
0.483870967741936	15.6	14.82	12.77	8.559	6.46	1.872
0.516129032258065	15.27	14.6	12.02	7.883	5.946	1.691
0.548387096774194	12.74	12.06	10.52	7.095	5.747	1.633
0.580645161290323	12.37	11.8	10.33	6.995	5.3	1.517
0.612903225806452	11.57	10.91	8.945	6.907	5.201	1.454
0.645161290322581	10.39	9.859	8.329	5.808	4.498	1.281
0.67741935483871	9.957	9.424	8.008	5.743	4.364	1.281
0.709677419354839	8.994	8.548	7.384	5.524	4.142	1.125
0.741935483870968	8.772	8.252	6.735	4.93	3.856	1.124
0.774193548387097	7.922	7.462	6.513	4.674	3.805	1.057
0.806451612903226	7.299	6.876	5.643	4.493	3.645	1.054
0.838709677419355	7.042	6.64	5.576	4.446	3.441	0.9791
0.870967741935484	6.82	6.466	5.525	3.759	2.946	0.8728

```
0.903225806451613 5.95  5.669 5.122 3.72  2.838 0.8611
0.935483870967742 4.673 4.411 3.905 2.874 2.341 0.7062
0.967741935483871 2.644 2.51  2.186 2.04  1.75  0.5073

0.1   27.793      26.438      21.85 14.476      11.085      3.0959
                              Average of yearly averages:
      1.96498333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: saff
Metfile:    w93193.dvf
PRZM scenario:    CAWheatRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as saffa.out
Chemical: EPTC
PRZM environment: CAWheatRLA.txt    modified Friday, 21 March 2008 at
09:44:21
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  12.37 11.8  9.501 6.141 4.605 1.35
1962  6.687 6.402 5.363 3.831 3.031 0.8802
1963  8.607 8.103 6.681 4.232 3.225 0.9414
1964  1.808 1.712 1.485 1.41  1.212 0.3485
```

1965 1.72 1.618 1.341 0.9192   0.762 0.2161
1966 3.375 3.204 2.539 1.902 1.673 0.4993
1967 6.816 6.462 5.522 3.756 2.943 0.86
1968 2.634 2.5   2.176 1.86 1.544 0.4414
1969 58.3 54.62 47.96 29.47 21.95 5.983
1970 27.03 25.92 21.74 14.02 10.51 2.905
1971 1.76 1.659 1.312 1.108 0.9937   0.2876
1972 3.643 3.43 2.873 2.057 1.743 0.5234
1973 8.967 8.522 7.358 4.974 3.804 1.061
1974 15.6 14.82 12.02 7.766 5.833 1.597
1975 10.69 10.15 8.242 5.34 4.079 1.154
1976 6.221 5.946 4.945 3.334 2.659 0.796
1977 14.37 13.59 10.87 7.291 5.608 1.537
1978 8.747 8.227 6.709 4.757 3.641 1.006
1979 12.74 12.06 10.52 6.784 5.111 1.396
1980 11.57 10.92 8.946 5.499 4.119 1.117
1981 7.922 7.462 6.373 4.214 3.241 0.9178
1982 26.85 25.26 19.81 12.63 9.503 2.597
1983 31.26 29.95 24.36 15.59 11.54 3.168
1984 3.6   3.407 2.761 1.927 1.718 0.5027
1985 3.087 2.957 2.675 2.294 2.028 0.6083
1986 5.856 5.504 4.45 3.873 3.055 0.8632
1987 27.57 26.23 21.35 13.62 10.25 2.832
1988 7.043 6.641 5.576 3.881 3.042 0.8603
1989 10.58 10.11 8.426 6.116 4.737 1.309
1990 18.99 18.18 14.98 9.684 7.332 2.06

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	58.3	54.62	47.96	29.47	21.95 5.983
0.0645161290322581		31.26	29.95	24.36	15.59 11.54 3.168
0.0967741935483871		27.57	26.23	21.74	14.02 10.51 2.905
0.129032258064516	27.03	25.92	21.35	13.62	10.25 2.832
0.161290322580645	26.85	25.26	19.81	12.63	9.503 2.597
0.193548387096774	18.99	18.18	14.98	9.684	7.332 2.06
0.225806451612903	15.6	14.82	12.02	7.766	5.833 1.597
0.258064516129032	14.37	13.59	10.87	7.291	5.608 1.537
0.290322580645161	12.74	12.06	10.52	6.784	5.111 1.396
0.32258064516129	12.37	11.8	9.501	6.141	4.737 1.35
0.354838709677419	11.57	10.92	8.946	6.116	4.605 1.309
0.387096774193548	10.69	10.15	8.426	5.499	4.119 1.154
0.419354838709677	10.58	10.11	8.242	5.34	4.079 1.117
0.451612903225806	8.967	8.522	7.358	4.974	3.804 1.061
0.483870967741936	8.747	8.227	6.709	4.757	3.641 1.006
0.516129032258065	8.607	8.103	6.681	4.232	3.241 0.9414
0.548387096774194	7.922	7.462	6.373	4.214	3.225 0.9178
0.580645161290323	7.043	6.641	5.576	3.881	3.055 0.8802
0.612903225806452	6.816	6.462	5.522	3.873	3.042 0.8632
0.645161290322581	6.687	6.402	5.363	3.831	3.031 0.8603
0.67741935483871	6.221	5.946	4.945	3.756	2.943 0.86
0.709677419354839	5.856	5.504	4.45	3.334	2.659 0.796
0.741935483870968	3.643	3.43	2.873	2.294	2.028 0.6083
0.774193548387097	3.6	3.407	2.761	2.057	1.743 0.5234
0.806451612903226	3.375	3.204	2.675	1.927	1.718 0.5027
0.838709677419355	3.087	2.957	2.539	1.902	1.673 0.4993
0.870967741935484	2.634	2.5	2.176	1.86	1.544 0.4414
0.903225806451613	1.808	1.712	1.485	1.41	1.212 0.3485

```
0.935483870967742 1.76  1.659 1.341 1.108 0.9937      0.2876
0.967741935483871 1.72  1.618 1.312 0.9192      0.762 0.2161

0.1   27.516      26.199      21.701      13.98 10.484      2.8977
                              Average of yearly averages:   1.35394

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: saffa
Metfile:    w93193.dvf
PRZM scenario:    CAWheatRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1H011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  8.397 8.029 6.06  3.472 2.701 0.7176
1962  4.555 4.275 3.279 2.6   2.055 0.5456
1963  14.25 13.16 9.823 5.428 4.059 1.089
1964  19.87 18.49 13.47 7.292 5.323 1.379
1965  8.211 7.863 6.347 3.909 2.85  0.7437
1966  5.874 5.6   4.362 3.286 2.577 0.6954
```

1967 42.56 39.79 30.29 17.5 12.37 3.252
1968 7.624 7.099 5.563 4.217 3.283 0.866
1969 13.14 12.3 8.689 4.879 3.575 0.9232
1970 14.43 13.27 9.406 5.157 3.789 0.9758
1971 2.211 2.054 1.704 1.032 0.7784   0.2068
1972 2.206 2.067 1.597 0.9944   0.7388   0.194
1973 13.25 12.82 11.06 6.847 5.04 1.32
1974 15.95 14.76 10.9 6.228 4.51 1.172
1975 6.962 6.37 4.358 2.487 1.919 0.5063
1976 2.209 2.096 1.697 1.097 1.043 0.286
1977 27.43 25.78 20.16 12.29 8.912 2.308
1978 16.41 15.25 12.29 7.13 5.168 1.343
1979 17.46 16.21 13.05 7.676 5.6   1.456
1980 11.19 10.45 8.236 4.924 3.654 0.9544
1981 9.807 9.392 7.663 4.711 3.623 0.9702
1982 71.36 66.08 48.85 28.14 20.34 5.311
1983 9.55 9.191 7.389 4.46 3.456 0.924
1984 2.211 2.066 1.58 0.9369   0.684 0.1765
1985 3.737 3.435 2.485 1.721 1.408 0.3753
1986 8.743 8.204 6.372 3.846 2.754 0.7125
1987 13.98 12.95 9.588 5.601 4.081 1.062
1988 4.686 4.364 3.866 2.633 1.928 0.4997
1989 2.208 2.058 1.559 0.9261   0.6737   0.1759
1990 4.199 3.907 2.985 1.967 1.462 0.3837

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 71.36 66.08 48.85 28.14 20.34 5.311
0.0645161290322581   42.56 39.79 30.29 17.5 12.37 3.252
0.0967741935483871   27.43 25.78 20.16 12.29 8.912 2.308
0.129032258064516 19.87 18.49 13.47 7.676 5.6   1.456
0.161290322580645 17.46 16.21 13.05 7.292 5.323 1.379
0.193548387096774 16.41 15.25 12.29 7.13 5.168 1.343
0.225806451612903 15.95 14.76 11.06 6.847 5.04 1.32
0.258064516129032 14.43 13.27 10.9 6.228 4.51 1.172
0.290322580645161 14.25 13.16 9.823 5.601 4.081 1.089
0.32258064516129 13.98 12.95 9.588 5.428 4.059 1.062
0.354838709677419 13.25 12.82 9.406 5.157 3.789 0.9758
0.387096774193548 13.14 12.3 8.689 4.924 3.654 0.9702
0.419354838709677 11.19 10.45 8.236 4.879 3.623 0.9544
0.451612903225806 9.807 9.392 7.663 4.711 3.575 0.924
0.483870967741936 9.55 9.191 7.389 4.46 3.456 0.9232
0.516129032258065 8.743 8.204 6.372 4.217 3.283 0.866
0.548387096774194 8.397 8.029 6.347 3.909 2.85 0.7437
0.580645161290323 8.211 7.863 6.06 3.846 2.754 0.7176
0.612903225806452 7.624 7.099 5.563 3.472 2.701 0.7125
0.645161290322581 6.962 6.37 4.362 3.286 2.577 0.6954
0.67741935483871 5.874 5.6   4.358 2.633 2.055 0.5456
0.709677419354839 4.686 4.364 3.866 2.6   1.928 0.5063
0.741935483870968 4.555 4.275 3.279 2.487 1.919 0.4997
0.774193548387097 4.199 3.907 2.985 1.967 1.462 0.3837
0.806451612903226 3.737 3.435 2.485 1.721 1.408 0.3753
0.838709677419355 2.211 2.096 1.704 1.097 1.043 0.286
0.870967741935484 2.211 2.067 1.697 1.032 0.7784   0.2068
0.903225806451613 2.209 2.066 1.597 0.9944   0.7388   0.194
0.935483870967742 2.208 2.058 1.58 0.9369   0.684 0.1765
0.967741935483871 2.206 2.054 1.559 0.9261   0.6737   0.1759

```
0.1   26.674      25.051      19.491      11.8286     8.5808
      2.2228
                                Average of yearly averages:   1.05082

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1H011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1H041.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  9.852 8.933 6.545 3.716 2.587 0.6613
1962  10.51 9.377 6.078 2.978 2.051 0.6171
1963  14.75 13.22 8.91  4.607 3.239 0.8437
1964  2.209 1.929 1.164 0.5291      0.3866      0.1127
1965  5.906 5.321 3.6   1.969 1.367 0.3531
1966  10.87 9.921 6.964 3.752 2.637 0.6899
1967  33.71 30.38 20.72 10.2  7.049 1.797
```

1968	7.637	6.774	4.307	2.048	1.407	0.3677
1969	14.36	12.59	8.758	4.149	2.833	0.7276
1970	11.46	9.841	5.636	2.589	1.774	0.457
1971	9.068	8.123	5.338	2.765	1.928	0.4967
1972	2.208	1.981	1.308	0.6518	0.4539	0.1641
1973	15.25	13.75	10.27	5.427	3.78	0.9789
1974	36.69	33.22	22.67	11.33	7.79	1.99
1975	18.16	16.36	11.31	5.808	4.033	1.045
1976	2.211	1.976	1.513	0.7525	0.5183	0.1386
1977	10.18	9.071	5.851	2.849	1.958	0.5084
1978	9.122	8.237	5.966	3.559	2.476	0.6345
1979	2.208	1.958	1.242	0.5964	0.4109	0.1299
1980	12.85	11.66	8.9	4.502	3.091	0.7934
1981	10.03	9.018	6.009	3.021	2.086	0.556
1982	13.89	12.6	9.579	5.481	3.839	0.989
1983	9.045	8.126	5.627	3.264	2.283	0.5888
1984	11.4	10	6.137	2.827	1.927	0.5011
1985	10.06	8.98	5.828	2.918	2.02	0.5258
1986	11.13	9.949	6.5	3.231	2.233	0.5763
1987	10.68	9.583	6.327	3.233	2.251	0.5823
1988	14.06	13.02	10.72	6.519	4.562	1.169
1989	9.531	8.703	6.117	3.208	2.224	0.5836
1990	11.16	10.04	6.71	3.564	2.699	0.7069

Sorted results

Prob. Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	36.69	33.22	22.67	11.33	7.79	1.99
0.0645161290322581		33.71	30.38	20.72	10.2	7.049 1.797
0.0967741935483871		18.16	16.36	11.31	6.519	4.562 1.169
0.129032258064516	15.25	13.75	10.72	5.808	4.033	1.045
0.161290322580645	14.75	13.22	10.27	5.481	3.839	0.989
0.193548387096774	14.36	13.02	9.579	5.427	3.78	0.9789
0.225806451612903	14.06	12.6	8.91	4.607	3.239	0.8437
0.258064516129032	13.89	12.59	8.9	4.502	3.091	0.7934
0.290322580645161	12.85	11.66	8.758	4.149	2.833	0.7276
0.32258064516129	11.46	10.04	6.964	3.752	2.699	0.7069
0.354838709677419	11.4	10	6.71	3.716	2.637	0.6899
0.387096774193548	11.16	9.949	6.545	3.564	2.587	0.6613
0.419354838709677	11.13	9.921	6.5	3.559	2.476	0.6345
0.451612903225806	10.87	9.841	6.327	3.264	2.283	0.6171
0.483870967741936	10.68	9.583	6.137	3.233	2.251	0.5888
0.516129032258065	10.51	9.377	6.117	3.231	2.233	0.5836
0.548387096774194	10.18	9.071	6.078	3.208	2.224	0.5823
0.580645161290323	10.06	9.018	6.009	3.021	2.086	0.5763
0.612903225806452	10.03	8.98	5.966	2.978	2.051	0.556
0.645161290322581	9.852	8.933	5.851	2.918	2.02	0.5258
0.67741935483871	9.531	8.703	5.828	2.849	1.958	0.5084
0.709677419354839	9.122	8.237	5.636	2.827	1.928	0.5011
0.741935483870968	9.068	8.126	5.627	2.765	1.927	0.4967
0.774193548387097	9.045	8.123	5.338	2.589	1.774	0.457
0.806451612903226	7.637	6.774	4.307	2.048	1.407	0.3677
0.838709677419355	5.906	5.321	3.6	1.969	1.367	0.3531
0.870967741935484	2.211	1.981	1.513	0.7525	0.5183	0.1641
0.903225806451613	2.209	1.976	1.308	0.6518	0.4539	0.1386
0.935483870967742	2.208	1.958	1.242	0.5964	0.4109	0.1299
0.967741935483871	2.208	1.929	1.164	0.5291	0.3866	0.1127

```
0.1   17.869      16.099      11.251      6.4479      4.5091
      1.1566
                                Average of yearly averages:   0.67618

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1H041
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1H061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  2.204 1.912 1.131 0.5037      0.3429      0.1282
1962  8.536 7.7   5.477 2.982 2.147 0.6506
1963  2.222 1.983 1.289 0.632 0.4386      0.1914
1964  2.205 1.916 1.453 0.6841      0.4686      0.1614
1965  2.206 1.964 1.264 0.6086      0.4196      0.1639
1966  2.209 1.949 1.217 0.5772      0.3994      0.1888
1967  6.878 6.053 3.764 1.761 1.203 0.3364
1968  2.206 1.933 1.182 0.5412      0.3703      0.1253
```

1969 2.205 1.895 1.167 0.6561 0.469 0.2021
1970 2.207 1.927 1.163 0.5345 0.367 0.1211
1971 2.205 1.959 1.252 0.5998 0.4136 0.1171
1972 3.578 3.392 2.642 1.563 1.146 0.4036
1973 2.214 1.974 1.277 0.6247 0.4335 0.1907
1974 2.206 1.938 1.192 0.5496 0.3766 0.1079
1975 2.205 1.956 1.243 0.5992 0.4163 0.1503
1976 2.206 1.949 1.223 0.5758 0.3965 0.1153
1977 2.206 1.945 1.213 0.5688 0.3907 0.1583
1978 2.207 1.92 1.147 0.5186 0.3548 0.112
1979 2.205 1.923 1.157 0.6312 0.4521 0.2087
1980 2.209 1.935 1.181 0.5468 0.3766 0.1409
1981 2.207 1.96 1.25 0.6086 0.4233 0.2179
1982 2.209 1.954 1.232 0.5799 0.3978 0.1885
1983 2.207 1.927 1.162 0.5319 0.3654 0.143
1984 2.205 1.926 1.164 0.5361 0.3683 0.179
1985 2.207 1.959 1.249 0.5978 0.4131 0.1477
1986 2.206 1.956 1.241 0.5954 0.4123 0.1194
1987 2.205 1.963 1.264 0.6007 0.4127 0.1288
1988 2.375 2.091 1.574 0.7576 0.522 0.1489
1989 2.205 1.944 1.21 0.5574 0.3809 0.1963
1990 2.208 1.941 1.199 0.5622 0.3881 0.1195

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	8.536	7.7	5.477	2.982	2.147	0.6506
0.0645161290322581		6.878	6.053	3.764	1.761	1.203 0.4036
0.0967741935483871		3.578	3.392	2.642	1.563	1.146 0.3364
0.129032258064516	2.375	2.091	1.574	0.7576	0.522	0.2179
0.161290322580645	2.222	1.983	1.453	0.6841	0.469	0.2087
0.193548387096774	2.214	1.974	1.289	0.6561	0.4686	0.2021
0.225806451612903	2.209	1.964	1.277	0.632	0.4521	0.1963
0.258064516129032	2.209	1.963	1.264	0.6312	0.4386	0.1914
0.290322580645161	2.209	1.96	1.264	0.6247	0.4335	0.1907
0.32258064516129	2.208	1.959	1.252	0.6086	0.4233	0.1888
0.354838709677419	2.207	1.959	1.25	0.6086	0.4196	0.1885
0.387096774193548	2.207	1.956	1.249	0.6007	0.4163	0.179
0.419354838709677	2.207	1.956	1.243	0.5998	0.4136	0.1639
0.451612903225806	2.207	1.954	1.241	0.5992	0.4131	0.1614
0.483870967741936	2.207	1.949	1.232	0.5978	0.4127	0.1583
0.516129032258065	2.206	1.949	1.223	0.5954	0.4123	0.1503
0.548387096774194	2.206	1.945	1.217	0.5799	0.3994	0.1489
0.580645161290323	2.206	1.944	1.213	0.5772	0.3978	0.1477
0.612903225806452	2.206	1.941	1.21	0.5758	0.3965	0.143
0.645161290322581	2.206	1.938	1.199	0.5688	0.3907	0.1409
0.67741935483871	2.206	1.935	1.192	0.5622	0.3881	0.1288
0.709677419354839	2.205	1.933	1.182	0.5574	0.3809	0.1282
0.741935483870968	2.205	1.927	1.181	0.5496	0.3766	0.1253
0.774193548387097	2.205	1.927	1.167	0.5468	0.3766	0.1211
0.806451612903226	2.205	1.926	1.164	0.5412	0.3703	0.1195
0.838709677419355	2.205	1.923	1.163	0.5361	0.3683	0.1194
0.870967741935484	2.205	1.92	1.162	0.5345	0.367	0.1171
0.903225806451613	2.205	1.916	1.157	0.5319	0.3654	0.1153
0.935483870967742	2.205	1.912	1.147	0.5186	0.3548	0.112
0.967741935483871	2.204	1.895	1.131	0.5037	0.3429	0.1079

```
0.1   3.4577      3.2619      2.5352      1.48246     1.0836
      0.32455
                              Average of yearly averages:
      0.185433333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1H061
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-6   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1L011.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  14.28 13.61 10.38 5.688 4.191 1.116
1962  8.365 7.951 6.153 3.486 2.645 0.6955
1963  20.08 18.76 13.96 7.64  5.443 1.463
1964  2.702 2.512 1.836 1.29  0.9471      0.244
1965  27.49 26.26 20.64 12.26 8.886 2.313
1966  30.79 29.66 23.52 14.53 10.61 2.797
1967  34.57 32.13 24.12 13.95 9.859 2.591
```

1968 9.382 8.716 7.217 4.35 3.247 0.8453
1969 7.587 6.902 5.47 3.015 2.182 0.5618
1970 3.401 3.139 2.482 1.51 1.087 0.2787
1971 5.723 5.317 3.979 2.335 1.701 0.4427
1972 1.717 1.61 1.244 1.062 0.8006   0.2105
1973 16.03 14.98 11.16 6.556 4.776 1.248
1974 52.19 48.39 35.69 20.26 14.54 3.773
1975 1.742 1.617 1.337 0.926 0.67 0.1745
1976 1.716 1.628 1.317 0.8296   0.6014   0.1554
1977 60.79 57.14 44.66 27.21 19.64 5.07
1978 19.59 18.59 13.65 7.782 5.612 1.457
1979 16.53 15.28 11.18 6.198 4.493 1.165
1980 12.54 11.77 9.312 5.494 4.031 1.051
1981 5.447 5.111 3.934 2.411 1.886 0.5021
1982 23.46 21.72 16.67 9.895 7.177 1.871
1983 8.389 8.012 6.209 3.772 2.892 0.7711
1984 1.72 1.607 1.229 0.7561   0.5518   0.1418
1985 1.715 1.612 1.261 0.8155   0.597 0.1548
1986 27.12 25.45 19.77 11.34 8.035 2.072
1987 37.59 34.83 25.79 14.69 10.54 2.734
1988 11.54 10.75 8.137 4.872 3.528 0.9112
1989 5.139 4.791 3.631 2.176 1.574 0.4095
1990 2.571 2.391 1.82 1.23 0.8964   0.2338

Sorted results
Prob. Peak 96 hr 21 Day   60 Day   90 Day   Yearly
0.032258064516129 60.79 57.14 44.66 27.21 19.64 5.07
0.0645161290322581   52.19 48.39 35.69 20.26 14.54 3.773
0.0967741935483871   37.59 34.83 25.79 14.69 10.61 2.797
0.129032258064516 34.57 32.13 24.12 14.53 10.54 2.734
0.161290322580645 30.79 29.66 23.52 13.95 9.859 2.591
0.193548387096774 27.49 26.26 20.64 12.26 8.886 2.313
0.225806451612903 27.12 25.45 19.77 11.34 8.035 2.072
0.258064516129032 23.46 21.72 16.67 9.895 7.177 1.871
0.290322580645161 20.08 18.76 13.96 7.782 5.612 1.463
0.32258064516129 19.59 18.59 13.65 7.64 5.443 1.457
0.354838709677419 16.53 15.28 11.18 6.556 4.776 1.248
0.387096774193548 16.03 14.98 11.16 6.198 4.493 1.165
0.419354838709677 14.28 13.61 10.38 5.688 4.191 1.116
0.451612903225806 12.54 11.77 9.312 5.494 4.031 1.051
0.483870967741936 11.54 10.75 8.137 4.872 3.528 0.9112
0.516129032258065 9.382 8.716 7.217 4.35 3.247 0.8453
0.548387096774194 8.389 8.012 6.209 3.772 2.892 0.7711
0.580645161290323 8.365 7.951 6.153 3.486 2.645 0.6955
0.612903225806452 7.587 6.902 5.47 3.015 2.182 0.5618
0.645161290322581 5.723 5.317 3.979 2.411 1.886 0.5021
0.67741935483871 5.447 5.111 3.934 2.335 1.701 0.4427
0.709677419354839 5.139 4.791 3.631 2.176 1.574 0.4095
0.741935483870968 3.401 3.139 2.482 1.51 1.087 0.2787
0.774193548387097 2.702 2.512 1.836 1.29 0.9471   0.244
0.806451612903226 2.571 2.391 1.82 1.23 0.8964   0.2338
0.838709677419355 1.742 1.628 1.337 1.062 0.8006   0.2105
0.870967741935484 1.72 1.617 1.317 0.926 0.67 0.1745
0.903225806451613 1.717 1.612 1.261 0.8296   0.6014   0.1554
0.935483870967742 1.716 1.61 1.244 0.8155   0.597 0.1548
0.967741935483871 1.715 1.607 1.229 0.7561   0.5518   0.1418

```
0.1   37.288      34.56 25.623      14.674      10.603      2.7907
                              Average of yearly averages:
      1.24845666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1L011
Metfile:    w23234.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1L041.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt   modified Friday, 21 March 2008 at
09:32:51
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  1.714 1.554 1.065 0.5431      0.3741      0.09486
1962  1.715 1.53  0.9906      0.4761      0.3269      0.08352
1963  1.995 1.788 1.379 0.72  0.5024      0.1289
1964  1.715 1.497 0.9028      0.4098      0.2794      0.07101
1965  5.603 5.049 3.496 1.845 1.281 0.3281
1966  1.717 1.567 1.099 0.5808      0.4055      0.1053
1967  10.15 9.147 6.157 3.104 2.14  0.5432
1968  1.718 1.523 0.9678      0.4596      0.3154      0.0816
```

1969 4.834 4.237 2.617 1.277 0.8726 0.2207
1970 1.715 1.473 0.8426 0.3716 0.2537 0.06487
1971 1.715 1.535 1.008 0.4953 0.3423 0.08738
1972 1.715 1.538 1.154 0.606 0.4234 0.1089
1973 1.715 1.546 1.086 0.5662 0.3938 0.1011
1974 53.42 48.36 32.96 16.43 11.28 2.866
1975 6.04 5.443 3.653 1.89 1.314 0.3454
1976 1.717 1.534 0.999 0.4828 0.3318 0.08588
1977 1.715 1.527 0.9842 0.4699 0.3221 0.08215
1978 4.359 3.988 2.87 1.464 1.007 0.256
1979 1.716 1.521 0.9651 0.4631 0.3189 0.08192
1980 1.715 1.555 1.065 0.5317 0.3646 0.09283
1981 1.715 1.542 1.026 0.5038 0.3466 0.08883
1982 12.22 11.08 7.828 4.061 2.823 0.7196
1983 1.72 1.545 1.026 0.5084 0.3501 0.09163
1984 1.715 1.505 0.9225 0.4199 0.2858 0.07251
1985 1.715 1.53 0.9916 0.4791 0.3298 0.0843
1986 1.715 1.533 1 0.4855 0.3341 0.08555
1987 1.715 1.538 1.014 0.4979 0.3436 0.08779
1988 1.715 1.552 1.067 0.5491 0.3778 0.09617
1989 1.715 1.565 1.099 0.5634 0.3881 0.09899
1990 1.715 1.543 1.03 0.5155 0.3566 0.09136

Sorted results
Prob. Peak 96 hr 21 Day 60 Day 90 Day Yearly
0.032258064516129 53.42 48.36 32.96 16.43 11.28 2.866
0.0645161290322581 12.22 11.08 7.828 4.061 2.823 0.7196
0.0967741935483871 10.15 9.147 6.157 3.104 2.14 0.5432
0.129032258064516 6.04 5.443 3.653 1.89 1.314 0.3454
0.161290322580645 5.603 5.049 3.496 1.845 1.281 0.3281
0.193548387096774 4.834 4.237 2.87 1.464 1.007 0.256
0.225806451612903 4.359 3.988 2.617 1.277 0.8726 0.2207
0.258064516129032 1.995 1.788 1.379 0.72 0.5024 0.1289
0.290322580645161 1.72 1.567 1.154 0.606 0.4234 0.1089
0.32258064516129 1.718 1.565 1.099 0.5808 0.4055 0.1053
0.354838709677419 1.717 1.555 1.099 0.5662 0.3938 0.1011
0.387096774193548 1.717 1.554 1.086 0.5634 0.3881 0.09899
0.419354838709677 1.716 1.552 1.067 0.5491 0.3778 0.09617
0.451612903225806 1.715 1.546 1.065 0.5431 0.3741 0.09486
0.483870967741936 1.715 1.545 1.065 0.5317 0.3646 0.09283
0.516129032258065 1.715 1.543 1.03 0.5155 0.3566 0.09163
0.548387096774194 1.715 1.542 1.026 0.5084 0.3501 0.09136
0.580645161290323 1.715 1.538 1.026 0.5038 0.3466 0.08883
0.612903225806452 1.715 1.538 1.014 0.4979 0.3436 0.08779
0.645161290322581 1.715 1.535 1.008 0.4953 0.3423 0.08738
0.67741935483871 1.715 1.534 1 0.4855 0.3341 0.08588
0.709677419354839 1.715 1.533 0.999 0.4828 0.3318 0.08555
0.741935483870968 1.715 1.53 0.9916 0.4791 0.3298
  0.0843
0.774193548387097 1.715 1.53 0.9906 0.4761 0.3269
  0.08352
0.806451612903226 1.715 1.527 0.9842 0.4699 0.3221
  0.08215
0.838709677419355 1.715 1.523 0.9678 0.4631 0.3189
  0.08192
0.870967741935484 1.715 1.521 0.9651 0.4596 0.3154
  0.0816

```
0.903225806451613 1.715 1.505 0.9225      0.4199      0.2858
      0.07251
0.935483870967742 1.715 1.497 0.9028      0.4098      0.2794
      0.07101
0.967741935483871 1.714 1.473 0.8426      0.3716      0.2537
      0.06487

0.1   9.739 8.7766      5.9066      2.9826      2.0574      0.52342
                              Average of yearly averages:
      0.244878333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1L041
Metfile:    w23234.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-4   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1L061.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  1.714 1.487 0.8793      0.3918      0.2667      0.09973
```

1962 6.64 5.99 4.261 2.32 1.67 0.5061
1963 1.728 1.543 1.002 0.4915 0.3412 0.1489
1964 1.715 1.49 1.13 0.5321 0.3645 0.1255
1965 1.716 1.527 0.983 0.4733 0.3263 0.1275
1966 1.718 1.516 0.9466 0.4489 0.3106 0.1468
1967 5.349 4.708 2.928 1.37 0.9356 0.2617
1968 1.716 1.504 0.919 0.4209 0.288 0.09747
1969 1.715 1.474 0.9077 0.5103 0.3648 0.1572
1970 1.717 1.499 0.9043 0.4157 0.2854 0.09418
1971 1.715 1.524 0.974 0.4665 0.3217 0.09108
1972 2.783 2.638 2.054 1.215 0.8915 0.3139
1973 1.722 1.535 0.9936 0.4859 0.3371 0.1483
1974 1.716 1.507 0.927 0.4275 0.2929 0.08391
1975 1.715 1.521 0.9667 0.4661 0.3238 0.1169
1976 1.715 1.516 0.951 0.4478 0.3084 0.08972
1977 1.716 1.513 0.9432 0.4424 0.3039 0.1231
1978 1.716 1.494 0.892 0.4034 0.2759 0.08709
1979 1.715 1.496 0.8997 0.491 0.3517 0.1624
1980 1.718 1.505 0.9189 0.4253 0.2929 0.1096
1981 1.716 1.524 0.9726 0.4734 0.3292 0.1695
1982 1.718 1.52 0.9579 0.451 0.3094 0.1466
1983 1.717 1.499 0.9037 0.4137 0.2842 0.1112
1984 1.715 1.498 0.9055 0.4169 0.2864 0.1392
1985 1.717 1.524 0.9714 0.465 0.3213 0.1149
1986 1.716 1.521 0.9651 0.4631 0.3207 0.09285
1987 1.715 1.527 0.9827 0.4672 0.321 0.1002
1988 1.847 1.627 1.224 0.5893 0.406 0.1158
1989 1.715 1.512 0.9414 0.4335 0.2962 0.1527
1990 1.717 1.51 0.9323 0.4372 0.3018 0.09291

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	6.64	5.99	4.261	2.32	1.67	0.5061
0.0645161290322581	5.349	4.708	2.928	1.37	0.9356	0.3139
0.0967741935483871	2.783	2.638	2.054	1.215	0.8915	0.2617
0.129032258064516	1.847	1.627	1.224	0.5893	0.406	0.1695
0.161290322580645	1.728	1.543	1.13	0.5321	0.3648	0.1624
0.193548387096774	1.722	1.535	1.002	0.5103	0.3645	0.1572
0.225806451612903	1.718	1.527	0.9936	0.4915	0.3517	0.1527
0.258064516129032	1.718	1.527	0.983	0.491	0.3412	0.1489
0.290322580645161	1.718	1.524	0.9827	0.4859	0.3371	0.1483
0.32258064516129	1.717	1.524	0.974	0.4734	0.3292	0.1468
0.354838709677419	1.717	1.524	0.9726	0.4733	0.3263	0.1466
0.387096774193548	1.717	1.521	0.9714	0.4672	0.3238	0.1392
0.419354838709677	1.717	1.521	0.9667	0.4665	0.3217	0.1275
0.451612903225806	1.716	1.52	0.9651	0.4661	0.3213	0.1255
0.483870967741936	1.716	1.516	0.9579	0.465	0.321	0.1231
0.516129032258065	1.716	1.516	0.951	0.4631	0.3207	0.1169
0.548387096774194	1.716	1.513	0.9466	0.451	0.3106	0.1158
0.580645161290323	1.716	1.512	0.9432	0.4489	0.3094	0.1149

```
0.612903225806452 1.716 1.51  0.9414      0.4478      0.3084
      0.1112
0.645161290322581 1.716 1.507 0.9323      0.4424      0.3039
      0.1096
0.67741935483871  1.715 1.505 0.927 0.4372      0.3018      0.1002
0.709677419354839 1.715 1.504 0.919 0.4335      0.2962      0.09973
0.741935483870968 1.715 1.499 0.9189      0.4275      0.2929
      0.09747
0.774193548387097 1.715 1.499 0.9077      0.4253      0.2929
      0.09418
0.806451612903226 1.715 1.498 0.9055      0.4209      0.288 0.09291
0.838709677419355 1.715 1.496 0.9043      0.4169      0.2864
      0.09285
0.870967741935484 1.715 1.494 0.9037      0.4157      0.2854
      0.09108
0.903225806451613 1.715 1.49  0.8997      0.4137      0.2842
      0.08972
0.935483870967742 1.715 1.487 0.892 0.4034      0.2759      0.08709
0.967741935483871 1.714 1.474 0.8793      0.3918      0.2667
      0.08391

0.1   2.6894      2.5369      1.971 1.15243     0.84295     0.25248
                              Average of yearly averages:
      0.144231333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1L061
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-6   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap1L081.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv   modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf   modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	1.714	1.503	1.102	0.6553	0.4491	0.1826
1962	20.78	18.75	13.33	7.258	5.227	1.421
1963	1.732	1.541	0.9919	0.6026	0.4609	0.2842
1964	1.716	1.519	1.174	0.7697	0.5348	0.2246
1965	1.717	1.53	1.274	0.7642	0.5282	0.2329
1966	2.153	2.039	1.699	1.042	0.7114	0.3068
1967	1.718	1.499	0.9044	0.4157	0.287	0.1681
1968	1.716	1.527	0.9824	0.479	0.3338	0.1664
1969	4.758	4.289	2.89	1.623	1.162	0.363
1970	1.718	1.51	0.9308	0.4407	0.3074	0.1599
1971	1.716	1.535	1.004	0.4988	0.3486	0.1216
1972	8.895	8.434	6.566	3.883	2.85	0.7996
1973	1.724	1.54	1.077	0.7188	0.5266	0.2868
1974	1.716	1.529	0.9857	0.4831	0.3383	0.117
1975	1.715	1.554	1.066	0.6048	0.6238	0.2153
1976	1.716	1.545	1.032	0.5265	0.3718	0.1309
1977	2.075	1.906	1.374	0.7251	0.496	0.2473
1978	1.717	1.52	0.9592	0.4609	0.3211	0.1433
1979	3.688	3.366	2.536	1.596	1.148	0.3728
1980	1.719	1.545	1.027	0.5189	0.365	0.2085
1981	2.54	2.346	1.765	1.315	0.9208	0.3598
1982	1.906	1.737	1.262	1.035	0.7351	0.2975
1983	1.718	1.534	0.9981	0.5083	0.377	0.2116
1984	1.766	1.605	1.229	1.037	0.7993	0.2898
1985	1.718	1.549	1.041	0.5319	0.3853	0.2131
1986	1.717	1.545	1.032	0.5269	0.3722	0.1353
1987	1.715	1.552	1.057	0.5413	0.3911	0.1545
1988	1.716	1.541	1.022	0.5132	0.3601	0.1419
1989	2.061	1.867	1.28	0.9916	0.878	0.3418
1990	1.718	1.539	1.013	0.5069	0.356	0.1414

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	20.78	18.75	13.33	7.258	5.227	1.421
0.0645161290322581	8.895	8.434	6.566	3.883	2.85	0.7996
0.0967741935483871	4.758	4.289	2.89	1.623	1.162	0.3728
0.129032258064516	3.688	3.366	2.536	1.596	1.148	0.363
0.161290322580645	2.54	2.346	1.765	1.315	0.9208	0.3598
0.193548387096774	2.153	2.039	1.699	1.042	0.878	0.3418
0.225806451612903	2.075	1.906	1.374	1.037	0.7993	0.3068
0.258064516129032	2.061	1.867	1.28	1.035	0.7351	0.2975
0.290322580645161	1.906	1.737	1.274	0.9916	0.7114	0.2898
0.32258064516129	1.766	1.605	1.262	0.7697	0.6238	0.2868
0.354838709677419	1.732	1.554	1.229	0.7642	0.5348	0.2842

```
0.387096774193548 1.724 1.552 1.174 0.7251      0.5282      0.2473
0.419354838709677 1.719 1.549 1.102 0.7188      0.5266      0.2329
0.451612903225806 1.718 1.545 1.077 0.6553      0.496 0.2246
0.483870967741936 1.718 1.545 1.066 0.6048      0.4609      0.2153
0.516129032258065 1.718 1.545 1.057 0.6026      0.4491      0.2131
0.548387096774194 1.718 1.541 1.041 0.5413      0.3911      0.2116
0.580645161290323 1.718 1.541 1.032 0.5319      0.3853      0.2085
0.612903225806452 1.717 1.54  1.032 0.5269      0.377 0.1826
0.645161290322581 1.717 1.539 1.027 0.5265      0.3722      0.1681
0.67741935483871  1.717 1.535 1.022 0.5189      0.3718      0.1664
0.709677419354839 1.716 1.534 1.013 0.5132      0.365 0.1599
0.741935483870968 1.716 1.53  1.004 0.5083      0.3601      0.1545
0.774193548387097 1.716 1.529 0.9981      0.5069      0.356 0.1433
0.806451612903226 1.716 1.527 0.9919      0.4988      0.3486
      0.1419
0.838709677419355 1.716 1.52  0.9857      0.4831      0.3383
      0.1414
0.870967741935484 1.716 1.519 0.9824      0.479 0.3338      0.1353
0.903225806451613 1.715 1.51  0.9592      0.4609      0.3211
      0.1309
0.935483870967742 1.715 1.503 0.9308      0.4407      0.3074
      0.1216
0.967741935483871 1.714 1.499 0.9044      0.4157      0.287 0.117

0.1   4.651 4.1967      2.8546      1.6203      1.1606      0.37182
                              Average of yearly averages:   0.28131

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap1L081
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-8   dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as Snap2A011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  11.2  10.17 7.459 4.279 4.262 1.491
1962  11.85 10.58 6.884 3.428 3.308 1.257
1963  16.84 15.1  10.66 5.898 6.679 2.091
1964  21.51 20.03 14.59 7.901 5.813 1.613
1965  8.898 8.521 6.879 4.238 3.095 1.186
1966  12.36 11.29 7.959 4.355 3.973 1.498
1967  46.07 43.07 32.8  18.95 17.63 5.461
1968  9.05  8.042 6.045 4.589 4.015 1.334
1969  15.98 14.02 9.814 5.288 5.378 1.786
1970  15.62 14.37 10.19 5.591 4.933 1.55
1971  9.96  8.924 5.874 3.063 2.157 0.7607
1972  2.527 2.269 1.743 1.088 0.8092      0.3873
1973  17.17 15.5  12    7.429 6.425 2.486
1974  40.34 36.54 24.99 12.54 8.786 3.42
1975  19.95 17.99 12.47 6.432 5.095 1.677
1976  2.841 2.543 1.915 1.327 1.163 0.4594
1977  29.71 27.93 21.83 13.31 9.667 3.046
1978  17.78 16.53 13.32 7.731 5.669 2.139
1979  18.9  17.55 14.12 8.314 6.114 1.716
1980  14.44 13.11 10.05 5.354 5.017 1.891
1981  11.73 10.57 8.318 5.116 5.151 1.651
1982  77.19 71.48 52.85 30.45 22.28 6.811
1983  10.55 9.967 8.015 4.843 4.65  1.636
1984  12.43 10.91 6.704 3.096 2.13  0.733
1985  11.2  10    6.508 3.294 2.906 0.9747
1986  12.34 11.04 7.24  4.184 3.148 1.394
1987  15.15 14.04 10.39 6.074 4.438 1.778
1988  15.34 14.22 11.75 7.164 5.019 1.805
1989  10.39 9.494 6.68  3.516 2.439 0.8213
1990  12.29 11.07 7.412 3.963 3.001 1.179

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 77.19 71.48 52.85 30.45 22.28 6.811
0.0645161290322581      46.07 43.07 32.8  18.95 17.63 5.461
0.0967741935483871      40.34 36.54 24.99 13.31 9.667 3.42
0.129032258064516 29.71 27.93 21.83 12.54 8.786 3.046
0.161290322580645 21.51 20.03 14.59 8.314 6.679 2.486
0.193548387096774 19.95 17.99 14.12 7.901 6.425 2.139
0.225806451612903 18.9  17.55 13.32 7.731 6.114 2.091
0.258064516129032 17.78 16.53 12.47 7.429 5.813 1.891
0.290322580645161 17.17 15.5  12    7.164 5.669 1.805
```

```
0.32258064516129  16.84 15.1  11.75 6.432 5.378 1.786
0.354838709677419 15.98 14.37 10.66 6.074 5.151 1.778
0.387096774193548 15.62 14.22 10.39 5.898 5.095 1.716
0.419354838709677 15.34 14.04 10.19 5.591 5.019 1.677
0.451612903225806 15.15 14.02 10.05 5.354 5.017 1.651
0.483870967741936 14.44 13.11 9.814 5.288 4.933 1.636
0.516129032258065 12.43 11.29 8.318 5.116 4.65  1.613
0.548387096774194 12.36 11.07 8.015 4.843 4.438 1.55
0.580645161290323 12.34 11.04 7.959 4.589 4.262 1.498
0.612903225806452 12.29 10.91 7.459 4.355 4.015 1.491
0.645161290322581 11.85 10.58 7.412 4.279 3.973 1.394
0.67741935483871  11.73 10.57 7.24  4.238 3.308 1.334
0.709677419354839 11.2  10.17 6.884 4.184 3.148 1.257
0.741935483870968 11.2  10    6.879 3.963 3.095 1.186
0.774193548387097 10.55 9.967 6.704 3.516 3.001 1.179
0.806451612903226 10.39 9.494 6.68  3.428 2.906 0.9747
0.838709677419355 9.96  8.924 6.508 3.294 2.439 0.8213
0.870967741935484 9.05  8.521 6.045 3.096 2.157 0.7607
0.903225806451613 8.898 8.042 5.874 3.063 2.13  0.733
0.935483870967742 2.841 2.543 1.915 1.327 1.163 0.4594
0.967741935483871 2.527 2.269 1.743 1.088 0.8092      0.3873

0.1   39.277      35.679      24.674      13.233      9.5789
      3.3826
                              Average of yearly averages:
      1.86774666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap2A011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.77  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    90    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     4.77  kg/ha
Record 17:  FILTRA
```

```
      IPSCND
      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)
stored as Snap2H011.out
Chemical: EPTC
PRZM environment: CARowCropRLA.txt  modified Friday, 21 March 2008 at
09:41:59
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23234.dvf     modified Tueday, 2 July 2002 at 19:04:22
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  11.97 10.86 7.97  4.566 4.196 1.487
1962  12.68 11.32 7.361 3.644 3.278 1.264
1963  17.98 16.13 10.91 5.754 6.562 2.071
1964  19.89 18.52 13.49 7.306 5.415 1.51
1965  8.227 7.878 6.36  3.919 2.866 1.155
1966  13.21 12.07 8.501 4.642 3.977 1.498
1967  42.6  39.83 30.33 17.52 16.97 5.344
1968  9.622 8.548 5.594 4.248 3.807 1.294
1969  17.13 15.03 10.51 5.011 5.27  1.77
1970  14.45 13.28 9.42  5.171 4.717 1.508
1971  10.7  9.585 6.307 3.286 2.303 0.7848
1972  2.698 2.423 1.614 1.008 0.7535      0.385
1973  18.37 16.59 12.48 6.87  6.233 2.459
1974  43.31 39.23 26.82 13.45 9.335 3.488
1975  21.42 19.32 13.39 6.9   5.23  1.722
1976  2.99  2.676 2.019 1.328 1.125 0.4474
1977  27.48 25.83 20.19 12.31 8.945 2.899
1978  16.44 15.29 12.32 7.151 5.261 2.082
1979  17.48 16.23 13.06 7.688 5.676 1.608
1980  15.46 14.03 10.75 5.479 4.856 1.878
1981  12.49 11.25 7.694 4.733 4.986 1.617
1982  71.4  66.12 48.89 28.17 20.66 6.462
1983  11.23 10.11 7.412 4.479 4.495 1.609
1984  13.36 11.73 7.206 3.326 2.278 0.7599
1985  12.01 10.72 6.973 3.524 2.975 0.9874
1986  13.23 11.84 7.761 3.895 3.117 1.383
1987  14.01 12.98 9.613 5.619 4.113 1.739
1988  16.49 15.28 12.62 7.692 5.389 1.86
1989  11.18 10.21 7.182 3.778 2.621 0.8553
1990  13.19 11.88 7.955 4.25  3.218 1.207

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 71.4  66.12 48.89 28.17 20.66 6.462
0.0645161290322581      43.31 39.83 30.33 17.52 16.97 5.344
0.0967741935483871      42.6  39.23 26.82 13.45 9.335 3.488
0.129032258064516 27.48 25.83 20.19 12.31 8.945 2.899
0.161290322580645 21.42 19.32 13.49 7.692 6.562 2.459
0.193548387096774 19.89 18.52 13.39 7.688 6.233 2.082
```

```
0.225806451612903 18.37 16.59 13.06 7.306 5.676 2.071
0.258064516129032 17.98 16.23 12.62 7.151 5.415 1.878
0.290322580645161 17.48 16.13 12.48 6.9   5.389 1.86
0.32258064516129  17.13 15.29 12.32 6.87  5.27  1.77
0.354838709677419 16.49 15.28 10.91 5.754 5.261 1.739
0.387096774193548 16.44 15.03 10.75 5.619 5.23  1.722
0.419354838709677 15.46 14.03 10.51 5.479 4.986 1.617
0.451612903225806 14.45 13.28 9.613 5.171 4.856 1.609
0.483870967741936 14.01 12.98 9.42  5.011 4.717 1.608
0.516129032258065 13.36 12.07 8.501 4.733 4.495 1.51
0.548387096774194 13.23 11.88 7.97  4.642 4.196 1.508
0.580645161290323 13.21 11.84 7.955 4.566 4.113 1.498
0.612903225806452 13.19 11.73 7.761 4.479 3.977 1.487
0.645161290322581 12.68 11.32 7.694 4.25  3.807 1.383
0.67741935483871  12.49 11.25 7.412 4.248 3.278 1.294
0.709677419354839 12.01 10.86 7.361 3.919 3.218 1.264
0.741935483870968 11.97 10.72 7.206 3.895 3.117 1.207
0.774193548387097 11.23 10.21 7.182 3.778 2.975 1.155
0.806451612903226 11.18 10.11 6.973 3.644 2.866 0.9874
0.838709677419355 10.7  9.585 6.36  3.524 2.621 0.8553
0.870967741935484 9.622 8.548 6.307 3.326 2.303 0.7848
0.903225806451613 8.227 7.878 5.594 3.286 2.278 0.7599
0.935483870967742 2.99  2.676 2.019 1.328 1.125 0.4474
0.967741935483871 2.698 2.423 1.614 1.008 0.7535      0.385

0.1   41.088      37.89 26.157      13.336      9.296 3.4291
                              Average of yearly averages:
      1.83779333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Snap2H011
Metfile:    w23234.dvf
PRZM scenario:    CARowCropRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  4.41  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  1-1   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    90    days  Set to 0 or delete line for single
app.
```

app. rate 1 apprate 5.133 kg/ha
Record 17: FILTRA
IPSCND
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)
stored as spH102s.out
Chemical: EPTC
PRZM environment: CAPotatoRLA.txt modified Friday, 21 March 2008 at 09:32:51
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
Metfile: w23155.dvf modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.163	3.917	3.072	1.898	1.404	0.3772
1962	200	188	144	85.93	62.86	16.79
1963	53.65	50.21	38.48	22.18	16.12	4.369
1964	4.236	3.975	3.089	1.891	1.397	0.388
1965	4.168	3.892	2.965	1.714	1.24	0.3286
1966	4.167	3.89	2.962	1.78	1.304	0.3486
1967	4.168	3.932	3.115	1.891	1.399	0.3823
1968	4.171	3.955	3.197	2.036	1.522	0.4215
1969	4.175	3.939	3.325	2.173	1.629	0.4464
1970	99.52	92.95	70.92	42.21	30.86	8.22
1971	4.268	4.008	3.122	1.859	1.353	0.3744
1972	4.168	3.882	2.933	1.704	1.227	0.3219
1973	4.166	3.831	2.761	1.555	1.119	0.2943
1974	4.167	3.921	3.078	1.882	1.382	0.3722
1975	4.169	3.921	3.069	1.813	1.329	0.3568
1976	4.168	3.859	2.852	1.655	1.202	0.3178
1977	4.167	3.876	2.913	1.675	1.215	0.3232
1978	243	226	171	103	75.52	20.33
1979	4.464	4.216	3.695	2.483	1.879	0.5682
1980	4.175	3.913	3.027	1.863	1.398	0.3874
1981	4.172	3.958	3.205	2.123	1.617	0.4485
1982	4.171	3.932	3.108	1.946	1.46	0.4005
1983	4.17	3.902	2.998	1.812	1.331	0.3599
1984	4.169	3.931	3.108	1.937	1.44	0.3919
1985	4.17	3.95	3.178	2.027	1.525	0.4192
1986	4.17	4.002	3.28	2.06	1.536	0.4204
1987	4.429	4.166	3.584	2.232	1.655	0.4508
1988	4.166	3.705	2.376	1.127	0.7742	0.1962
1989	4.164	3.709	2.391	1.154	0.7952	0.2018
1990	4.164	3.74	2.481	1.217	0.8386	0.2125

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	243	226	171	103	75.52	20.33
0.0645161290322581	200	188	144	85.93	62.86	16.79
0.0967741935483871	99.52	92.95	70.92	42.21	30.86	8.22
0.129032258064516	53.65	50.21	38.48	22.18	16.12	4.369

```
0.161290322580645 4.464 4.216 3.695 2.483 1.879 0.5682
0.193548387096774 4.429 4.166 3.584 2.232 1.655 0.4508
0.225806451612903 4.268 4.008 3.325 2.173 1.629 0.4485
0.258064516129032 4.236 4.002 3.28  2.123 1.617 0.4464
0.290322580645161 4.175 3.975 3.205 2.06  1.536 0.4215
0.32258064516129  4.175 3.958 3.197 2.036 1.525 0.4204
0.354838709677419 4.172 3.955 3.178 2.027 1.522 0.4192
0.387096774193548 4.171 3.95  3.122 1.946 1.46  0.4005
0.419354838709677 4.171 3.939 3.115 1.937 1.44  0.3919
0.451612903225806 4.17  3.932 3.108 1.898 1.404 0.388
0.483870967741936 4.17  3.932 3.108 1.891 1.399 0.3874
0.516129032258065 4.17  3.931 3.089 1.891 1.398 0.3823
0.548387096774194 4.169 3.921 3.078 1.882 1.397 0.3772
0.580645161290323 4.169 3.921 3.072 1.863 1.382 0.3744
0.612903225806452 4.168 3.917 3.069 1.859 1.353 0.3722
0.645161290322581 4.168 3.913 3.027 1.813 1.331 0.3599
0.67741935483871  4.168 3.902 2.998 1.812 1.329 0.3568
0.709677419354839 4.168 3.892 2.965 1.78  1.304 0.3486
0.741935483870968 4.167 3.89  2.962 1.714 1.24  0.3286
0.774193548387097 4.167 3.882 2.933 1.704 1.227 0.3232
0.806451612903226 4.167 3.876 2.913 1.675 1.215 0.3219
0.838709677419355 4.166 3.859 2.852 1.655 1.202 0.3178
0.870967741935484 4.166 3.831 2.761 1.555 1.119 0.2943
0.903225806451613 4.164 3.74  2.481 1.217 0.8386      0.2125
0.935483870967742 4.164 3.709 2.391 1.154 0.7952      0.2018
0.967741935483871 4.163 3.705 2.376 1.127 0.7742      0.1962

0.1   94.933      88.676      67.676      40.207      29.386
      7.8349
                              Average of yearly averages:
      1.97398333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: spH102s
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLA.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  8.33  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
```

Application Date Date 10-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
      IPSCND
      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)

stored as wpotemerg.out
Chemical: EPTC
PRZM environment: CAPotatoRLF.txt   modified Tueday, 20 February 2007
at 13:05:00
EXAMS environment: pond298.exv   modified Thuday, 29 August 2002 at
16:33:30
Metfile: w23155.dvf   modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	1.714	1.613	1.262	0.7738	0.5707	0.153
1962	7.994	7.467	5.682	3.392	2.493	0.6676
1963	1.723	1.612	1.23	0.7045	0.5097	0.1382
1964	1.716	1.61	1.246	0.7541	0.554	0.1488
1965	1.716	1.602	1.213	0.6931	0.5006	0.1325
1966	1.716	1.602	1.22	0.7312	0.534	0.1426
1967	1.716	1.619	1.272	0.7624	0.5635	0.1538
1968	1.717	1.628	1.311	0.8246	0.6145	0.17
1969	1.924	1.816	1.544	0.9949	0.7425	0.2029
1970	1.717	1.604	1.222	0.7238	0.5283	0.141
1971	1.716	1.61	1.24	0.7222	0.5215	0.1376
1972	1.716	1.598	1.204	0.6929	0.4975	0.1303
1973	1.715	1.577	1.14	0.644	0.4628	0.1217
1974	1.716	1.615	1.262	0.7634	0.5585	0.1503
1975	1.717	1.614	1.252	0.7288	0.5334	0.1431
1976	1.716	1.589	1.176	0.6833	0.4955	0.1309
1977	1.716	1.596	1.195	0.6823	0.4947	0.1315
1978	1.716	1.599	1.214	0.7295	0.5345	0.1441
1979	2.572	2.424	1.939	1.27	0.9469	0.2574
1980	1.718	1.611	1.246	0.7671	0.5755	0.1593
1981	1.718	1.63	1.32	0.871	0.6606	0.1826
1982	1.717	1.619	1.276	0.7954	0.5953	0.163
1983	1.717	1.606	1.234	0.7428	0.5447	0.1471
1984	1.717	1.619	1.276	0.789	0.5848	0.159
1985	1.717	1.626	1.303	0.8242	0.6183	0.1695
1986	1.717	1.612	1.257	0.7879	0.5858	0.1602
1987	1.717	1.614	1.257	0.7571	0.5589	0.1519
1988	1.715	1.525	0.975	0.4594	0.3155	0.07992
1989	1.715	1.527	0.9836	0.4736	0.3261	0.08276
1990	1.715	1.54	1.017	0.4952	0.3408	0.08633

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	7.994	7.467	5.682	3.392	2.493	0.6676

```
0.0645161290322581      2.572 2.424 1.939 1.27  0.9469      0.2574
0.0967741935483871      1.924 1.816 1.544 0.9949      0.7425
      0.2029
0.129032258064516 1.723 1.63  1.32  0.871 0.6606      0.1826
0.161290322580645 1.718 1.628 1.311 0.8246      0.6183      0.17
0.193548387096774 1.718 1.626 1.303 0.8242      0.6145      0.1695
0.225806451612903 1.717 1.619 1.276 0.7954      0.5953      0.163
0.258064516129032 1.717 1.619 1.276 0.789 0.5858      0.1602
0.290322580645161 1.717 1.619 1.272 0.7879      0.5848      0.1593
0.32258064516129  1.717 1.615 1.262 0.7738      0.5755      0.159
0.354838709677419 1.717 1.614 1.262 0.7671      0.5707      0.1538
0.387096774193548 1.717 1.614 1.257 0.7634      0.5635      0.153
0.419354838709677 1.717 1.613 1.257 0.7624      0.5589      0.1519
0.451612903225806 1.717 1.612 1.252 0.7571      0.5585      0.1503
0.483870967741936 1.717 1.612 1.246 0.7541      0.554 0.1488
0.516129032258065 1.716 1.611 1.246 0.7428      0.5447      0.1471
0.548387096774194 1.716 1.61  1.24  0.7312      0.5345      0.1441
0.580645161290323 1.716 1.61  1.234 0.7295      0.534 0.1431
0.612903225806452 1.716 1.606 1.23  0.7288      0.5334      0.1426
0.645161290322581 1.716 1.604 1.222 0.7238      0.5283      0.141
0.67741935483871  1.716 1.602 1.22  0.7222      0.5215      0.1382
0.709677419354839 1.716 1.602 1.214 0.7045      0.5097      0.1376
0.741935483870968 1.716 1.599 1.213 0.6931      0.5006      0.1325
0.774193548387097 1.716 1.598 1.204 0.6929      0.4975      0.1315
0.806451612903226 1.716 1.596 1.195 0.6833      0.4955      0.1309
0.838709677419355 1.715 1.589 1.176 0.6823      0.4947      0.1303
0.870967741935484 1.715 1.577 1.14  0.644 0.4628      0.1217
0.903225806451613 1.715 1.54  1.017 0.4952      0.3408      0.08633
0.935483870967742 1.715 1.527 0.9836      0.4736      0.3261
      0.08276
0.967741935483871 1.714 1.525 0.975 0.4594      0.3155      0.07992

0.1   1.9039      1.7974      1.5216      0.98251     0.73431
      0.20087
                              Average of yearly averages:
      0.164630333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: wpotemerg
Metfile:    w23155.dvf
PRZM scenario:    CAPotatoRLF.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
```

```
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  16-02 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as sugb0605.out
Chemical: EPTC
PRZM environment: CAsugarbeet_WirrigOP.txt      modified Thuday, 14
June 2007 at 11:21:20
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.429 3.222 2.551 1.528 1.123 0.3064
1962  3.495 3.3   2.562 1.516 1.115 0.3102
1963  3.495 3.269 2.414 1.353 0.9757      0.2677
1964  3.431 3.164 2.323 1.297 0.9333      0.2528
1965  3.494 3.23  2.378 1.348 0.9809      0.2688
1966  3.495 3.223 2.419 1.384 1.003 0.2743
1967  3.432 3.202 2.44  1.451 1.08  0.304
1968  3.495 3.254 2.485 1.44  1.046 0.2869
1969  3.494 3.246 2.331 1.323 0.977 0.2739
1970  3.495 3.297 2.54  1.549 1.152 0.3193
1971  3.434 3.205 2.377 1.314 0.9398      0.2533
1972  6.941 6.412 4.803 2.826 2.051 0.5515
1973  3.435 3.217 2.536 1.527 1.132 0.3203
1974  3.495 3.293 2.548 1.48  1.079 0.2988
1975  3.435 3.271 2.628 1.61  1.202 0.3398
1976  3.434 3.188 2.521 1.422 1.019 0.2812
1977  3.494 3.268 2.452 1.4   1.012 0.276
1978  3.494 3.261 2.446 1.372 0.99  0.2698
1979  3.494 3.264 2.458 1.381 0.9964      0.2708
1980  3.433 3.181 2.326 1.267 0.9102      0.2474
1981  3.494 3.243 2.387 1.31  0.941 0.2536
1982  3.494 3.215 2.351 1.298 0.9339      0.2525
1983  3.431 3.202 2.399 1.325 0.9509      0.2566
1984  3.494 3.208 2.421 1.375 0.996 0.2701
1985  3.432 3.222 2.577 1.551 1.14  0.3147
1986  3.495 3.289 2.507 1.537 1.171 0.3327
1987  3.496 3.25  2.55  1.499 1.097 0.3066
1988  3.433 3.207 2.482 1.465 1.072 0.2993
1989  3.495 3.236 2.433 1.354 0.9713      0.2689
1990  3.495 3.272 2.473 1.398 1.01  0.2784

Sorted results
```

```
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 6.941 6.412 4.803 2.826 2.051 0.5515
0.0645161290322581      3.496 3.3   2.628 1.61  1.202 0.3398
0.0967741935483871      3.495 3.297 2.577 1.551 1.171 0.3327
0.129032258064516 3.495 3.293 2.562 1.549 1.152 0.3203
0.161290322580645 3.495 3.289 2.551 1.537 1.14  0.3193
0.193548387096774 3.495 3.272 2.55  1.528 1.132 0.3147
0.225806451612903 3.495 3.271 2.548 1.527 1.123 0.3102
0.258064516129032 3.495 3.269 2.54  1.516 1.115 0.3066
0.290322580645161 3.495 3.268 2.536 1.499 1.097 0.3064
0.32258064516129  3.495 3.264 2.521 1.48  1.08  0.304
0.354838709677419 3.495 3.261 2.507 1.465 1.079 0.2993
0.387096774193548 3.494 3.254 2.485 1.451 1.072 0.2988
0.419354838709677 3.494 3.25  2.482 1.44  1.046 0.2869
0.451612903225806 3.494 3.246 2.473 1.422 1.019 0.2812
0.483870967741936 3.494 3.243 2.458 1.4   1.012 0.2784
0.516129032258065 3.494 3.236 2.452 1.398 1.01  0.276
0.548387096774194 3.494 3.23  2.446 1.384 1.003 0.2743
0.580645161290323 3.494 3.223 2.44  1.381 0.9964      0.2739
0.612903225806452 3.494 3.222 2.433 1.375 0.996 0.2708
0.645161290322581 3.435 3.222 2.421 1.372 0.99  0.2701
0.67741935483871  3.435 3.217 2.419 1.354 0.9809      0.2698
0.709677419354839 3.434 3.215 2.414 1.353 0.977 0.2689
0.741935483870968 3.434 3.208 2.399 1.348 0.9757      0.2688
0.774193548387097 3.433 3.207 2.387 1.325 0.9713      0.2677
0.806451612903226 3.433 3.205 2.378 1.323 0.9509      0.2566
0.838709677419355 3.432 3.202 2.377 1.314 0.941 0.2536
0.870967741935484 3.432 3.202 2.351 1.31  0.9398      0.2533
0.903225806451613 3.431 3.188 2.331 1.298 0.9339      0.2528
0.935483870967742 3.431 3.181 2.326 1.297 0.9333      0.2525
0.967741935483871 3.429 3.164 2.323 1.267 0.9102      0.2474

0.1   3.495 3.2966      2.5755      1.5508      1.1691      0.33146
                        Average of yearly averages:
      0.293553333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sugb0605
Metfile:    w93193.dvf
PRZM scenario:    CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
```

```
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  05-06 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as sugb0720.out
Chemical: EPTC
PRZM environment: CAsugarbeet_WirrigOP.txt      modified Thuday, 14
June 2007 at 11:21:20
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.491 3.304 2.601 1.582 1.189 0.3736
1962  3.501 3.327 2.649 1.599 1.196 0.392
1963  3.496 3.276 2.497 1.465 1.094 0.3633
1964  3.496 3.283 2.508 1.439 1.053 0.3666
1965  3.496 3.306 2.56  1.522 1.13  0.3572
1966  3.496 3.299 2.547 1.472 1.084 0.3533
1967  3.499 3.321 2.651 1.694 1.281 0.4174
1968  3.497 3.307 2.578 1.486 1.128 0.4481
1969  3.5   3.335 2.672 1.698 1.286 0.4115
1970  3.499 3.357 2.718 1.641 1.22  0.4179
1971  3.497 3.269 2.457 1.38  1     0.3124
1972  3.494 3.257 2.482 1.436 1.058 0.3783
1973  3.499 3.275 2.632 1.636 1.279 0.4196
1974  3.497 3.307 2.589 1.542 1.149 0.4169
1975  3.501 3.344 2.704 1.702 1.292 0.4302
1976  3.498 3.263 2.438 1.418 1.405 0.5638
1977  3.501 3.298 2.542 1.462 1.071 0.3574
1978  3.497 3.296 2.541 1.778 1.519 0.5011
1979  3.498 3.245 2.499 1.439 1.057 0.3267
1980  3.494 3.278 2.484 1.447 1.068 0.3122
1981  3.495 3.282 2.505 1.431 1.04  0.3135
1982  3.495 3.286 2.52  1.444 1.276 0.4769
1983  3.499 3.273 2.455 1.411 1.086 0.3772
1984  3.496 3.3   2.56  1.482 1.087 0.3336
1985  3.434 3.235 2.577 1.559 1.159 0.4006
1986  3.5   3.378 2.805 1.832 1.378 0.4418
1987  3.441 3.219 2.499 1.516 1.137 0.408
1988  3.496 3.303 2.586 1.553 1.159 0.3582
1989  3.497 3.264 2.454 1.412 1.185 0.3943
1990  3.498 3.293 2.535 1.463 1.08  0.3407

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
```

```
0.032258064516129 3.501 3.378 2.805 1.832 1.519 0.5638
0.0645161290322581      3.501 3.357 2.718 1.778 1.405 0.5011
0.0967741935483871      3.501 3.344 2.704 1.702 1.378 0.4769
0.129032258064516 3.5   3.335 2.672 1.698 1.292 0.4481
0.161290322580645 3.5   3.327 2.651 1.694 1.286 0.4418
0.193548387096774 3.499 3.321 2.649 1.641 1.281 0.4302
0.225806451612903 3.499 3.307 2.632 1.636 1.279 0.4196
0.258064516129032 3.499 3.307 2.601 1.599 1.276 0.4179
0.290322580645161 3.499 3.306 2.589 1.582 1.22  0.4174
0.32258064516129  3.498 3.304 2.586 1.559 1.196 0.4169
0.354838709677419 3.498 3.303 2.578 1.553 1.189 0.4115
0.387096774193548 3.498 3.3   2.577 1.542 1.185 0.408
0.419354838709677 3.497 3.299 2.56  1.522 1.159 0.4006
0.451612903225806 3.497 3.298 2.56  1.516 1.159 0.3943
0.483870967741936 3.497 3.296 2.547 1.486 1.149 0.392
0.516129032258065 3.497 3.293 2.542 1.482 1.137 0.3783
0.548387096774194 3.497 3.286 2.541 1.472 1.13  0.3772
0.580645161290323 3.496 3.283 2.535 1.465 1.128 0.3736
0.612903225806452 3.496 3.282 2.52  1.463 1.094 0.3666
0.645161290322581 3.496 3.278 2.508 1.462 1.087 0.3633
0.67741935483871  3.496 3.276 2.505 1.447 1.086 0.3582
0.709677419354839 3.496 3.275 2.499 1.444 1.084 0.3574
0.741935483870968 3.496 3.273 2.499 1.439 1.08  0.3572
0.774193548387097 3.495 3.269 2.497 1.439 1.071 0.3533
0.806451612903226 3.495 3.264 2.484 1.436 1.068 0.3407
0.838709677419355 3.494 3.263 2.482 1.431 1.058 0.3336
0.870967741935484 3.494 3.257 2.457 1.418 1.057 0.3267
0.903225806451613 3.491 3.245 2.455 1.412 1.053 0.3135
0.935483870967742 3.441 3.235 2.454 1.411 1.04  0.3124
0.967741935483871 3.434 3.219 2.438 1.38  1     0.3122

0.1   3.5009      3.3431      2.7008      1.7016      1.3694
      0.47402
                              Average of yearly averages:
      0.392143333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sugb0720
Metfile:    w93193.dvf
PRZM scenario:    CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
```

Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 20-07 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
  IPSCND
  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)
stored as sugb1107.out
Chemical: EPTC
PRZM environment: CAsugarbeet_WirrigOP.txt modified Thuday, 14
June 2007 at 11:21:20
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	19.06	18.28	15.55	10.38	6.918	1.706
1962	10.4	9.997	8.603	6.754	5.454	1.871
1963	9.551	9.028	7.399	5.052	3.38	1.589
1964	8.212	7.814	6.194	4.043	2.703	1.098
1965	9.576	9.046	7.764	5.343	3.569	1.263
1966	18.94	17.95	14.61	7.62	5.089	1.797
1967	9.536	9.07	7.426	5.686	4.515	1.992
1968	8.043	7.586	5.819	4.468	2.986	1.145
1969	10.88	10.34	9.348	6.49	5.104	1.764
1970	18.82	17.7	14.78	9.07	6.063	2.696
1971	10.38	9.818	7.868	5.068	3.815	1.422
1972	29.76	28.4	22.89	14.25	9.508	2.757
1973	7.631	7.209	5.972	4.132	3.246	1.423
1974	8.979	8.517	6.897	4.152	2.777	1.302
1975	4.645	4.426	3.929	2.748	2.116	0.9114
1976	8.898	8.484	7.006	4.695	3.142	1.502
1977	12.52	11.81	8.377	4.236	2.832	1.211
1978	10.8	10.13	8.687	6.09	4.692	2.02
1979	6.078	5.771	4.687	3.224	2.158	1.09
1980	5.518	5.176	4.224	2.967	2.375	0.9682
1981	5.353	5.046	4.061	2.698	2.09	0.899
1982	18.33	17.46	14.6	10.78	7.195	2.311
1983	12.54	11.77	9.625	8.025	6.21	2.831
1984	8.087	7.651	6.195	4.624	3.094	1.412
1985	14.58	13.76	11.91	9.151	6.113	2.239
1986	20.32	19.31	10.98	5.262	3.529	1.868
1987	16.93	16.22	13.48	8.814	6.734	2.209
1988	9.068	8.744	7.074	5.09	3.398	1.094
1989	7.617	7.301	6.435	4.57	3.577	1.413
1990	9.331	8.991	7.427	4.902	3.815	1.459

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly

```
0.032258064516129 29.76 28.4  22.89 14.25 9.508 2.831
0.0645161290322581      20.32 19.31 15.55 10.78 7.195 2.757
0.0967741935483871      19.06 18.28 14.78 10.38 6.918 2.696
0.129032258064516 18.94 17.95 14.61 9.151 6.734 2.311
0.161290322580645 18.82 17.7  14.6  9.07  6.21  2.239
0.193548387096774 18.33 17.46 13.48 8.814 6.113 2.209
0.225806451612903 16.93 16.22 11.91 8.025 6.063 2.02
0.258064516129032 14.58 13.76 10.98 7.62  5.454 1.992
0.290322580645161 12.54 11.81 9.625 6.754 5.104 1.871
0.32258064516129  12.52 11.77 9.348 6.49  5.089 1.868
0.354838709677419 10.88 10.34 8.687 6.09  4.692 1.797
0.387096774193548 10.8  10.13 8.603 5.686 4.515 1.764
0.419354838709677 10.4  9.997 8.377 5.343 3.815 1.706
0.451612903225806 10.38 9.818 7.868 5.262 3.815 1.589
0.483870967741936 9.576 9.07  7.764 5.09  3.577 1.502
0.516129032258065 9.551 9.046 7.427 5.068 3.569 1.459
0.548387096774194 9.536 9.028 7.426 5.052 3.529 1.423
0.580645161290323 9.331 8.991 7.399 4.902 3.398 1.422
0.612903225806452 9.068 8.744 7.074 4.695 3.38  1.413
0.645161290322581 8.979 8.517 7.006 4.624 3.246 1.412
0.67741935483871  8.898 8.484 6.897 4.57  3.142 1.302
0.709677419354839 8.212 7.814 6.435 4.468 3.094 1.263
0.741935483870968 8.087 7.651 6.195 4.236 2.986 1.211
0.774193548387097 8.043 7.586 6.194 4.152 2.832 1.145
0.806451612903226 7.631 7.301 5.972 4.132 2.777 1.098
0.838709677419355 7.617 7.209 5.819 4.043 2.703 1.094
0.870967741935484 6.078 5.771 4.687 3.224 2.375 1.09
0.903225806451613 5.518 5.176 4.224 2.967 2.158 0.9682
0.935483870967742 5.353 5.046 4.061 2.748 2.116 0.9114
0.967741935483871 4.645 4.426 3.929 2.698 2.09  0.899

0.1   19.048      18.247      14.763      10.2571     6.8996
      2.6575
                              Average of yearly averages:
      1.64208666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sugb1107
Metfile:    w93193.dvf
PRZM scenario:    CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
```

```
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  6.86  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  07-11 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as sugmid.out
Chemical: EPTC
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
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  3.445 3.182 2.407 1.438 1.053 0.2864
1962  3.496 3.252 2.436 1.423 1.042 0.2876
1963  3.432 3.217 2.376 1.326 0.9511      0.2582
1964  3.495 3.28  2.454 1.349 0.9659      0.2592
1965  3.431 3.158 2.325 1.292 0.9325      0.2535
1966  3.488 3.308 2.565 1.457 1.052 0.2849
1967  3.432 3.205 2.445 1.421 1.043 0.2915
1968  3.432 3.184 2.413 1.385 1.004 0.2731
1969  3.431 3.188 2.404 1.32  0.9584      0.2651
1970  3.495 3.229 2.488 1.476 1.094 0.3018
1971  5.463 5.011 3.72  2.233 1.605 0.4283
1972  3.433 3.202 2.562 1.663 1.216 0.331
1973  3.496 3.254 2.51  1.492 1.099 0.3051
1974  3.432 3.194 2.44  1.413 1.026 0.2817
1975  3.496 3.262 2.582 1.577 1.171 0.3289
1976  3.434 3.23  2.508 1.439 1.03  0.2806
1977  3.448 3.21  2.374 1.341 0.9663      0.2617
1978  3.431 3.19  2.399 1.34  0.9637      0.2603
1979  3.494 3.237 2.416 1.348 0.9686      0.2612
1980  3.494 3.249 2.324 1.247 0.8889      0.2392
1981  3.438 3.163 2.304 1.249 0.8918      0.2387
1982  3.432 3.228 2.432 1.333 0.9543      0.2559
1983  3.431 3.193 2.45  1.358 0.9703      0.2601
1984  3.494 3.255 2.427 1.349 0.9718      0.2618
1985  3.495 3.284 2.517 1.494 1.096 0.3008
1986  3.496 3.291 2.515 1.463 1.096 0.3095
1987  3.433 3.192 2.428 1.44  1.049 0.2904
1988  3.496 3.32  2.607 1.535 1.119 0.3086
1989  3.432 3.17  2.349 1.31  0.9361      0.2565
1990  14.2  13.1  9.398 5.374 3.936 1.071

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
```

```
0.032258064516129 14.2  13.1  9.398 5.374 3.936 1.071
0.0645161290322581      5.463 5.011 3.72  2.233 1.605 0.4283
0.0967741935483871      3.496 3.32  2.607 1.663 1.216 0.331
0.129032258064516 3.496 3.308 2.582 1.577 1.171 0.3289
0.161290322580645 3.496 3.291 2.565 1.535 1.119 0.3095
0.193548387096774 3.496 3.284 2.562 1.494 1.099 0.3086
0.225806451612903 3.496 3.28  2.517 1.492 1.096 0.3051
0.258064516129032 3.495 3.262 2.515 1.476 1.096 0.3018
0.290322580645161 3.495 3.255 2.51  1.463 1.094 0.3008
0.32258064516129  3.495 3.254 2.508 1.457 1.053 0.2915
0.354838709677419 3.494 3.252 2.488 1.44  1.052 0.2904
0.387096774193548 3.494 3.249 2.454 1.439 1.049 0.2876
0.419354838709677 3.494 3.237 2.45  1.438 1.043 0.2864
0.451612903225806 3.488 3.23  2.445 1.423 1.042 0.2849
0.483870967741936 3.448 3.229 2.44  1.421 1.03  0.2817
0.516129032258065 3.445 3.228 2.436 1.413 1.026 0.2806
0.548387096774194 3.438 3.217 2.432 1.385 1.004 0.2731
0.580645161290323 3.434 3.21  2.428 1.358 0.9718      0.2651
0.612903225806452 3.433 3.205 2.427 1.349 0.9703      0.2618
0.645161290322581 3.433 3.202 2.416 1.349 0.9686      0.2617
0.67741935483871  3.432 3.194 2.413 1.348 0.9663      0.2612
0.709677419354839 3.432 3.193 2.407 1.341 0.9659      0.2603
0.741935483870968 3.432 3.192 2.404 1.34  0.9637      0.2601
0.774193548387097 3.432 3.19  2.399 1.333 0.9584      0.2592
0.806451612903226 3.432 3.188 2.376 1.326 0.9543      0.2582
0.838709677419355 3.432 3.184 2.374 1.32  0.9511      0.2565
0.870967741935484 3.431 3.182 2.349 1.31  0.9361      0.2559
0.903225806451613 3.431 3.17  2.325 1.292 0.9325      0.2535
0.935483870967742 3.431 3.163 2.324 1.249 0.8918      0.2392
0.967741935483871 3.431 3.158 2.304 1.247 0.8889      0.2387

0.1   3.496 3.3188      2.6045      1.6544      1.2115      0.33079
                              Average of yearly averages:
      0.309753333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sugmid
Metfile:    w93193.dvf
PRZM scenario:    CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
```

Application Rate: TAPP 6.86 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 20-5 dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17: FILTRA
  IPSCND
  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)
stored as sunflower0104.out
Chemical: EPTC
PRZM environment: CAcornOP.txt modified Thuday, 14 June 2007 at 11:21:10
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
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	2.211	2.019	1.418	1.09	0.8375	0.2493
1962	5.922	5.572	4.435	3.03	2.352	0.8345
1963	10.93	10.17	8.442	6.027	4.552	1.407
1964	2.152	1.966	1.387	1.057	0.8131	0.2798
1965	8.037	7.404	5.386	3.49	2.561	0.7075
1966	2.196	2.005	1.408	1.082	0.8339	0.3065
1967	13.94	12.95	9.998	6.504	4.839	1.339
1968	2.164	1.987	1.425	1.082	0.8399	0.2553
1969	9.196	8.436	6.028	3.797	2.77	0.7594
1970	2.219	2.026	1.426	1.099	0.8422	0.2598
1971	2.193	2.01	1.432	1.093	0.8449	0.2359
1972	2.178	2.012	1.475	1.113	0.8738	0.2483
1973	2.142	1.97	1.421	1.07	0.8356	0.2564
1974	4.016	3.711	2.724	2.035	1.526	0.4575
1975	2.144	1.956	1.371	1.043	0.7967	0.2271
1976	5.199	4.779	3.44	2.439	1.791	0.4779
1977	4.907	4.494	3.193	1.818	1.459	0.4217
1978	4.044	3.755	2.932	2.256	1.693	0.4844
1979	2.259	2.072	1.481	1.143	0.884	0.302
1980	2.517	2.3	1.665	1.418	1.071	0.302
1981	2.417	2.227	1.62	1.246	0.9702	0.2866
1982	10.72	9.827	7.208	4.506	3.341	0.9369
1983	5.899	5.405	4.14	2.511	1.991	0.5688
1984	2.146	1.969	1.411	1.067	0.8326	0.2616
1985	2.231	2.031	1.412	1.094	0.8379	0.2413
1986	3.997	3.701	2.738	2.157	1.629	0.4402
1987	2.279	2.086	1.479	1.146	0.8787	0.3047
1988	6.262	5.844	5.216	3.372	2.612	0.729
1989	2.871	2.696	2.086	1.357	1.079	0.5353
1990	12.26	11.14	7.797	4.204	3.213	1.005

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	13.94	12.95	9.998	6.504	4.839	1.407

```
0.0645161290322581      12.26 11.14 8.442 6.027 4.552 1.339
0.0967741935483871      10.93 10.17 7.797 4.506 3.341 1.005
0.129032258064516 10.72 9.827 7.208 4.204 3.213 0.9369
0.161290322580645 9.196 8.436 6.028 3.797 2.77  0.8345
0.193548387096774 8.037 7.404 5.386 3.49  2.612 0.7594
0.225806451612903 6.262 5.844 5.216 3.372 2.561 0.729
0.258064516129032 5.922 5.572 4.435 3.03  2.352 0.7075
0.290322580645161 5.899 5.405 4.14  2.511 1.991 0.5688
0.32258064516129  5.199 4.779 3.44  2.439 1.791 0.5353
0.354838709677419 4.907 4.494 3.193 2.256 1.693 0.4844
0.387096774193548 4.044 3.755 2.932 2.157 1.629 0.4779
0.419354838709677 4.016 3.711 2.738 2.035 1.526 0.4575
0.451612903225806 3.997 3.701 2.724 1.818 1.459 0.4402
0.483870967741936 2.871 2.696 2.086 1.418 1.079 0.4217
0.516129032258065 2.517 2.3   1.665 1.357 1.071 0.3065
0.548387096774194 2.417 2.227 1.62  1.246 0.9702      0.3047
0.580645161290323 2.279 2.086 1.481 1.146 0.884 0.302
0.612903225806452 2.259 2.072 1.479 1.143 0.8787      0.302
0.645161290322581 2.231 2.031 1.475 1.113 0.8738      0.2866
0.67741935483871  2.219 2.026 1.432 1.099 0.8449      0.2798
0.709677419354839 2.211 2.019 1.426 1.094 0.8422      0.2616
0.741935483870968 2.196 2.012 1.425 1.093 0.8399      0.2598
0.774193548387097 2.193 2.01  1.421 1.09  0.8379      0.2564
0.806451612903226 2.178 2.005 1.418 1.082 0.8375      0.2553
0.838709677419355 2.164 1.987 1.412 1.082 0.8356      0.2493
0.870967741935484 2.152 1.97  1.411 1.07  0.8339      0.2483
0.903225806451613 2.146 1.969 1.408 1.067 0.8326      0.2413
0.935483870967742 2.144 1.966 1.387 1.057 0.8131      0.2359
0.967741935483871 2.142 1.956 1.371 1.043 0.7967      0.2271

0.1   10.909      10.1357     7.7381      4.4758      3.3282
      0.99819
                              Average of yearly averages:
      0.504023333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sunflower0104
Metfile:    w23232.dvf
PRZM scenario:    CAcornOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
```

```
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  01-04 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as sunflower1503.out
Chemical: EPTC
PRZM environment: CAcornOP.txt      modified Thuday, 14 June 2007 at
11:21:10
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
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  2.904 2.687 1.999 1.62  1.222 0.3354
1962  3.598 3.386 2.697 1.844 1.432 0.6102
1963  57.02 53.08 40.03 25.27 20.34 5.94
1964  2.226 2.033 1.435 1.127 0.8677      0.3114
1965  4.97  4.678 3.76  2.717 2.082 0.5689
1966  2.255 2.072 1.488 1.154 0.8872      0.2966
1967  31.92 29.59 22.33 14.78 11.16 3.054
1968  5.984 5.56  4.148 2.775 2.053 0.5724
1969  4.782 4.39  3.751 2.326 1.802 0.4989
1970  2.224 2.049 1.487 1.132 0.8731      0.2569
1971  4.386 4.026 3.041 2.279 1.722 0.4675
1972  2.241 2.055 1.469 1.145 0.8955      0.2487
1973  8.583 7.879 5.632 3.63  2.682 0.7303
1974  2.683 2.483 1.83  1.444 1.128 0.3298
1975  17.53 16    11.08 6.453 4.686 1.242
1976  4.668 4.293 3.31  1.988 1.548 0.4235
1977  11.89 10.82 7.493 4.628 3.463 0.9326
1978  4.181 3.885 2.949 1.912 1.53  0.4299
1979  10.88 10.29 9.043 6.232 4.596 1.248
1980  4.288 3.931 3.009 2.296 1.735 0.4748
1981  23.96 22.78 17.08 10.82 7.946 2.123
1982  14.43 13.4  11.15 7.257 5.32  1.449
1983  16.09 15.23 11.86 8.781 6.799 1.857
1984  2.395 2.186 1.535 1.267 0.9721      0.2852
1985  2.943 2.718 1.988 1.687 1.281 0.3534
1986  22.06 20.41 15.05 9.398 6.895 1.826
1987  2.989 2.778 2.078 1.816 1.389 0.4164
1988  12.95 12.08 9.341 5.364 3.924 1.127
1989  10.06 9.387 7.306 5.237 3.925 1.177
1990  4.821 4.386 3.077 1.707 1.551 0.5552
```

```
Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 57.02 53.08 40.03 25.27 20.34 5.94
0.0645161290322581      31.92 29.59 22.33 14.78 11.16 3.054
0.0967741935483871      23.96 22.78 17.08 10.82 7.946 2.123
0.129032258064516 22.06 20.41 15.05 9.398 6.895 1.857
0.161290322580645 17.53 16    11.86 8.781 6.799 1.826
0.193548387096774 16.09 15.23 11.15 7.257 5.32  1.449
0.225806451612903 14.43 13.4  11.08 6.453 4.686 1.248
0.258064516129032 12.95 12.08 9.341 6.232 4.596 1.242
0.290322580645161 11.89 10.82 9.043 5.364 3.925 1.177
0.32258064516129  10.88 10.29 7.493 5.237 3.924 1.127
0.354838709677419 10.06 9.387 7.306 4.628 3.463 0.9326
0.387096774193548 8.583 7.879 5.632 3.63  2.682 0.7303
0.419354838709677 5.984 5.56  4.148 2.775 2.082 0.6102
0.451612903225806 4.97  4.678 3.76  2.717 2.053 0.5724
0.483870967741936 4.821 4.39  3.751 2.326 1.802 0.5689
0.516129032258065 4.782 4.386 3.31  2.296 1.735 0.5552
0.548387096774194 4.668 4.293 3.077 2.279 1.722 0.4989
0.580645161290323 4.386 4.026 3.041 1.988 1.551 0.4748
0.612903225806452 4.288 3.931 3.009 1.912 1.548 0.4675
0.645161290322581 4.181 3.885 2.949 1.844 1.53  0.4299
0.67741935483871  3.598 3.386 2.697 1.816 1.432 0.4235
0.709677419354839 2.989 2.778 2.078 1.707 1.389 0.4164
0.741935483870968 2.943 2.718 1.999 1.687 1.281 0.3534
0.774193548387097 2.904 2.687 1.988 1.62  1.222 0.3354
0.806451612903226 2.683 2.483 1.83  1.444 1.128 0.3298
0.838709677419355 2.395 2.186 1.535 1.267 0.9721      0.3114
0.870967741935484 2.255 2.072 1.488 1.154 0.8955      0.2966
0.903225806451613 2.241 2.055 1.487 1.145 0.8872      0.2852
0.935483870967742 2.226 2.049 1.469 1.132 0.8731      0.2569
0.967741935483871 2.224 2.033 1.435 1.127 0.8677      0.2487

0.1   23.77 22.543      16.877      10.6778     7.8409      2.0964
                            Average of yearly averages:   1.0047

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: sunflower1503
Metfile:    w23232.dvf
PRZM scenario:    CAcornOP.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
```

```
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-03 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    30    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as tomato.out
Chemical: EPTC
PRZM environment: CAtomato_WirrigSTD.txt  modified Tueday, 29 May 2007
at 13:43:54
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
Metfile: w93193.dvf     modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year  Peak  96 hr 21 Day      60 Day      90 Day      Yearly
1961  1.857 1.76  1.407 0.8286      0.6051      0.1643
1962  1.875 1.743 1.348 0.7751      0.5659      0.1561
1963  1.879 1.752 1.329 0.7326      0.5242      0.1421
1964  1.923 1.865 1.431 0.7783      0.5562      0.1489
1965  1.878 1.745 1.318 0.7237      0.5214      0.1416
1966  1.927 1.854 1.471 0.8247      0.5944      0.1608
1967  1.879 1.744 1.375 0.7903      0.5791      0.1616
1968  1.921 1.863 1.439 0.8118      0.5873      0.1594
1969  1.879 1.738 1.356 0.7362      0.5335      0.1474
1970  1.879 1.743 1.385 0.8112      0.6001      0.1654
1971  3.315 3.04  2.171 1.305 0.9377      0.2499
1972  1.776 1.701 1.365 0.7897      0.5713      0.1551
1973  1.878 1.764 1.404 0.8213      0.6034      0.1668
1974  1.716 1.65  1.318 0.7523      0.5456      0.1496
1975  1.925 1.829 1.494 0.9008      0.6679      0.187
1976  1.879 1.766 1.408 0.79  0.5641      0.1536
1977  1.828 1.77  1.356 0.7549      0.5431      0.1468
1978  1.916 1.858 1.428 0.7816      0.5606      0.1511
1979  1.896 1.787 1.373 0.7538      0.5407      0.1457
1980  1.863 1.805 1.329 0.7009      0.4984      0.1339
1981  1.878 1.723 1.299 0.6942      0.4947      0.1323
1982  1.756 1.693 1.305 0.7058      0.5044      0.1352
1983  1.933 1.876 1.488 0.8125      0.5793      0.1549
1984  1.913 1.854 1.432 0.7873      0.5662      0.1524
1985  1.927 1.869 1.492 0.875 0.6405      0.1756
1986  1.866 1.808 1.41  0.8081      0.6034      0.1703
1987  1.717 1.598 1.246 0.727 0.5286      0.1463
1988  1.88  1.752 1.419 0.8294      0.6037      0.1662
1989  1.879 1.727 1.334 0.7336      0.5231      0.143
1990  5.106 4.708 3.366 1.993 1.454 0.3955
```

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	5.106	4.708	3.366	1.993	1.454	0.3955
0.0645161290322581		3.315	3.04	2.171	1.305	0.9377	0.2499
0.0967741935483871		1.933	1.876	1.494	0.9008	0.6679	0.187
0.129032258064516	1.927	1.869	1.492	0.875	0.6405	0.1756	
0.161290322580645	1.927	1.865	1.488	0.8294	0.6051	0.1703	
0.193548387096774	1.925	1.863	1.471	0.8286	0.6037	0.1668	
0.225806451612903	1.923	1.858	1.439	0.8247	0.6034	0.1662	
0.258064516129032	1.921	1.854	1.432	0.8213	0.6034	0.1654	
0.290322580645161	1.916	1.854	1.431	0.8125	0.6001	0.1643	
0.32258064516129	1.913	1.829	1.428	0.8118	0.5944	0.1616	
0.354838709677419	1.896	1.808	1.419	0.8112	0.5873	0.1608	
0.387096774193548	1.88	1.805	1.41	0.8081	0.5793	0.1594	
0.419354838709677	1.879	1.787	1.408	0.7903	0.5791	0.1561	
0.451612903225806	1.879	1.77	1.407	0.79	0.5713	0.1551	
0.483870967741936	1.879	1.766	1.404	0.7897	0.5662	0.1549	
0.516129032258065	1.879	1.764	1.385	0.7873	0.5659	0.1536	
0.548387096774194	1.879	1.76	1.375	0.7816	0.5641	0.1524	
0.580645161290323	1.879	1.752	1.373	0.7783	0.5606	0.1511	
0.612903225806452	1.878	1.752	1.365	0.7751	0.5562	0.1496	
0.645161290322581	1.878	1.745	1.356	0.7549	0.5456	0.1489	
0.67741935483871	1.878	1.744	1.356	0.7538	0.5431	0.1474	
0.709677419354839	1.875	1.743	1.348	0.7523	0.5407	0.1468	
0.741935483870968	1.866	1.743	1.334	0.7362	0.5335	0.1463	
0.774193548387097	1.863	1.738	1.329	0.7336	0.5286	0.1457	
0.806451612903226	1.857	1.727	1.329	0.7326	0.5242	0.143	
0.838709677419355	1.828	1.723	1.318	0.727	0.5231	0.1421	
0.870967741935484	1.776	1.701	1.318	0.7237	0.5214	0.1416	
0.903225806451613	1.756	1.693	1.305	0.7058	0.5044	0.1352	
0.935483870967742	1.717	1.65	1.299	0.7009	0.4984	0.1339	
0.967741935483871	1.716	1.598	1.246	0.6942	0.4947	0.1323	

0.1	1.9324	1.8753	1.4938	0.89822	0.66516	0.18586

Average of yearly averages:

0.165293333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: tomato
Metfile: w93193.dvf
PRZM scenario: CAtomato_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	189.32	g/mol	
Henry's Law Const.	henry	1.5e-05	atm-m^3/mol	
Vapor Pressure	vapr	1.6e-02	torr	
Solubility	sol	344	mg/L	
Kd	Kd		mg/L	
Koc	Koc	172	mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	0	days	Halfife
Anaerobic Aquatic Metabolism	kbacs	0	days	Halfife

```
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  20-5  dd/mm or dd/mmm or dd-mm or dd-mmm
Record 17:  FILTRA
      IPSCND
      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)
stored as walnut115.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt  modified Wedday, 13 June 2007
at 12:17:16
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
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  5.854 5.676 4.851 3.096 2.353 0.7098
1962  9.301 9.059 6.716 2.916 2.273 1.042
1963  20.96 19.96 16.72 11.17 9.332 2.872
1964  44.91 42.43 32.35 18.74 13.53 3.964
1965  8.52  7.983 6.678 4.405 3.285 1.044
1966  6.704 6.277 4.772 3.782 3.006 0.9034
1967  46.23 43.41 33.99 21.71 16.14 4.513
1968  9.714 9.144 7.327 5.408 4.253 1.393
1969  21.57 20.48 15.16 8.665 6.477 2.333
1970  12.89 11.94 10.26 7.543 5.693 1.638
1971  4.497 4.27  2.587 1.204 0.9169      0.3997
1972  7.171 6.652 4.472 2.821 2.243 0.8779
1973  23.85 22.69 18    10.96 8.308 2.48
1974  6.844 6.38  5.152 3.793 2.856 0.8956
1975  4.59  4.298 3.807 2.64  1.929 0.5873
1976  2.452 2.347 1.958 1.291 0.9882      0.3461
1977  15.53 14.5  10.74 3.77  2.743 1.35
1978  23.83 22.04 16.3  10.77 8.248 2.36
1979  9.527 8.926 6.394 4.232 3.255 1.166
1980  7.327 6.837 6.011 4.203 3.12  0.9108
1981  16.13 15.25 13.05 8.035 5.969 1.954
1982  19.96 18.88 9.816 4.199 3.182 1.434
1983  21.88 20.94 11.19 8.142 6.028 2.106
1984  17.14 16.29 13.81 9.42  7.015 1.953
1985  4.398 3.707 2.855 2.18  1.743 0.6011
1986  7.898 7.624 5.947 4.9   3.75  1.105
1987  3.827 3.592 2.896 2.347 1.829 0.5807
1988  8.051 7.616 6.17  4     3.04  1.053
1989  4.357 4.118 3.478 2.619 1.989 0.6301
1990  17.47 16.55 13.77 8.677 6.506 1.9
```

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	46.23	43.41	33.99	21.71	16.14	4.513
0.0645161290322581		44.91	42.43	32.35	18.74	13.53 3.964
0.0967741935483871		23.85	22.69	18	11.17	9.332 2.872
0.129032258064516	23.83	22.04	16.72	10.96	8.308	2.48
0.161290322580645	21.88	20.94	16.3	10.77	8.248	2.36
0.193548387096774	21.57	20.48	15.16	9.42	7.015	2.333
0.225806451612903	20.96	19.96	13.81	8.677	6.506	2.106
0.258064516129032	19.96	18.88	13.77	8.665	6.477	1.954
0.290322580645161	17.47	16.55	13.05	8.142	6.028	1.953
0.32258064516129	17.14	16.29	11.19	8.035	5.969	1.9
0.354838709677419	16.13	15.25	10.74	7.543	5.693	1.638
0.387096774193548	15.53	14.5	10.26	5.408	4.253	1.434
0.419354838709677	12.89	11.94	9.816	4.9	3.75	1.393
0.451612903225806	9.714	9.144	7.327	4.405	3.285	1.35
0.483870967741936	9.527	9.059	6.716	4.232	3.255	1.166
0.516129032258065	9.301	8.926	6.678	4.203	3.182	1.105
0.548387096774194	8.52	7.983	6.394	4.199	3.12	1.053
0.580645161290323	8.051	7.624	6.17	4	3.04	1.044
0.612903225806452	7.898	7.616	6.011	3.793	3.006	1.042
0.645161290322581	7.327	6.837	5.947	3.782	2.856	0.9108
0.67741935483871	7.171	6.652	5.152	3.77	2.743	0.9034
0.709677419354839	6.844	6.38	4.851	3.096	2.353	0.8956
0.741935483870968	6.704	6.277	4.772	2.916	2.273	0.8779
0.774193548387097	5.854	5.676	4.472	2.821	2.243	0.7098
0.806451612903226	4.59	4.298	3.807	2.64	1.989	0.6301
0.838709677419355	4.497	4.27	3.478	2.619	1.929	0.6011
0.870967741935484	4.398	4.118	2.896	2.347	1.829	0.5873
0.903225806451613	4.357	3.707	2.855	2.18	1.743	0.5807
0.935483870967742	3.827	3.592	2.587	1.291	0.9882	0.3997
0.967741935483871	2.452	2.347	1.958	1.204	0.9169	0.3461

0.1	23.848	22.625	17.872	11.149	9.2296	2.8328

Average of yearly averages:
1.50341666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: walnut115
Metfile: w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: EPTC

Description	Variable Name		Value	Units	Comments
Molecular weight	mwt		189.32	g/mol	
Henry's Law Const.	henry		1.5e-05	atm-m^3/mol	
Vapor Pressure	vapr		1.6e-02	torr	
Solubility	sol		344	mg/L	
Kd	Kd			mg/L	
Koc	Koc		172	mg/L	
Photolysis half-life	kdp		0	days	Half-life
Aerobic Aquatic Metabolism	kbacw		0	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		0	days	Halfife

Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 3.43 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 15-01 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1 interval 330 days Set to 0 or delete line for single app.
app. rate 1 apprate 3.43 kg/ha
Record 17: FILTRA
IPSCND
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)
stored as walnut515.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
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	6.108	5.785	4.894	3.104	2.088	0.932
1962	4.908	4.5	3.926	2.379	1.752	1.004
1963	15.01	14.26	12.46	8.504	5.715	2.164
1964	7.954	7.43	5.68	3.268	2.388	1.63
1965	6.681	6.281	5.013	3.106	2.094	1.053
1966	19.07	17.8	14.56	9.016	6.034	2.099
1967	5.333	4.969	4.463	2.727	2.012	1.086
1968	5.195	4.765	4.121	2.445	1.762	0.6683
1969	6.113	5.835	4.196	2.344	1.675	0.7879
1970	14.42	13.46	10.41	5.38	3.612	1.672
1971	6.362	5.832	4.571	2.682	1.946	1.049
1972	14.68	14.15	12.14	7.186	4.811	1.688
1973	8.171	7.799	6.227	3.803	2.565	1.408
1974	5.369	4.95	4.355	2.517	1.815	0.9384
1975	5.556	5.067	4.216	2.361	1.689	0.7074
1976	9.062	8.212	6.811	3.609	2.549	0.8634
1977	16.82	15.9	12.53	7.464	4.997	1.801
1978	7.449	7.03	5.796	3.588	2.43	1.625
1979	5.123	4.7	4.058	2.385	1.727	0.8851
1980	5.078	4.794	3.81	2.213	1.496	0.9076
1981	43.11	40.15	30.9	17.69	11.82	3.56
1982	17.67	16.73	13.75	8.009	5.386	2.664
1983	27.64	25.91	21.56	12.68	8.485	3.013
1984	5.67	5.43	4.569	3.165	2.417	1.378
1985	13.98	13.23	10.93	6.233	4.179	1.553
1986	5.745	5.476	4.522	2.94	2.189	1.175
1987	5.923	5.419	4.591	2.598	1.857	1.014

```
1988  4.929 4.642 3.707 2.251 1.574 0.921
1989  9.685 9.33  7.996 4.79  3.22  1.391
1990  6.04  5.715 4.708 3.39  2.596 1.411

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 43.11 40.15 30.9  17.69 11.82 3.56
0.0645161290322581      27.64 25.91 21.56 12.68 8.485 3.013
0.0967741935483871      19.07 17.8  14.56 9.016 6.034 2.664
0.129032258064516 17.67 16.73 13.75 8.504 5.715 2.164
0.161290322580645 16.82 15.9  12.53 8.009 5.386 2.099
0.193548387096774 15.01 14.26 12.46 7.464 4.997 1.801
0.225806451612903 14.68 14.15 12.14 7.186 4.811 1.688
0.258064516129032 14.42 13.46 10.93 6.233 4.179 1.672
0.290322580645161 13.98 13.23 10.41 5.38  3.612 1.63
0.32258064516129  9.685 9.33  7.996 4.79  3.22  1.625
0.354838709677419 9.062 8.212 6.811 3.803 2.596 1.553
0.387096774193548 8.171 7.799 6.227 3.609 2.565 1.411
0.419354838709677 7.954 7.43  5.796 3.588 2.549 1.408
0.451612903225806 7.449 7.03  5.68  3.39  2.43  1.391
0.483870967741936 6.681 6.281 5.013 3.268 2.417 1.378
0.516129032258065 6.362 5.835 4.894 3.165 2.388 1.175
0.548387096774194 6.113 5.832 4.708 3.106 2.189 1.086
0.580645161290323 6.108 5.785 4.591 3.104 2.094 1.053
0.612903225806452 6.04  5.715 4.571 2.94  2.088 1.049
0.645161290322581 5.923 5.476 4.569 2.727 2.012 1.014
0.67741935483871  5.745 5.43  4.522 2.682 1.946 1.004
0.709677419354839 5.67  5.419 4.463 2.598 1.857 0.9384
0.741935483870968 5.556 5.067 4.355 2.517 1.815 0.932
0.774193548387097 5.369 4.969 4.216 2.445 1.762 0.921
0.806451612903226 5.333 4.95  4.196 2.385 1.752 0.9076
0.838709677419355 5.195 4.794 4.121 2.379 1.727 0.8851
0.870967741935484 5.123 4.765 4.058 2.361 1.689 0.8634
0.903225806451613 5.078 4.7   3.926 2.344 1.675 0.7879
0.935483870967742 4.929 4.642 3.81  2.251 1.574 0.7074
0.967741935483871 4.908 4.5   3.707 2.213 1.496 0.6683

0.1   18.93 17.693      14.479      8.9648      6.0021      2.614
                              Average of yearly averages:   1.43497

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: walnut515
Metfile:    w23232.dvf
PRZM scenario:    CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
```

Anaerobic Aquatic Metabolism kbacs 0 days Halfife
Aerobic Soil Metabolism asm 37.08 days Halfife
Hydrolysis: pH 7 0 days Half-life
Method: CAM 1 integer See PRZM manual
Incorporation Depth: DEPI 4 cm
Application Rate: TAPP 3.43 kg/ha
Application Efficiency: APPEFF 0.99 fraction
Spray Drift DRFT 0.01 fraction of application rate applied to pond
Application Date Date 15-05 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1 interval 175 days Set to 0 or delete line for single app.
app. rate 1 apprate 3.43 kg/ha
Record 17: FILTRA
IPSCND
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)
stored as walnut615.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exv modified Thuday, 29 August 2002 at 16:33:30
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	10.37	9.499	8.306	4.905	4.435	1.417
1962	11.78	10.97	9.471	6.025	4.879	1.779
1963	10.13	9.538	8.316	5.832	4.704	1.952
1964	8.969	8.198	7.028	4.158	3.834	1.343
1965	9.278	8.578	7.529	4.625	3.92	1.39
1966	10.15	9.323	8.142	4.885	4.52	1.507
1967	10.76	10.1	9.017	5.773	5.305	1.861
1968	9.261	8.491	7.499	4.62	4.073	1.435
1969	10.41	9.694	8.469	5.262	4.381	1.509
1970	11.54	10.65	8.802	5.426	4.508	1.551
1971	12.64	11.62	9.811	5.843	4.981	1.687
1972	9.266	8.513	7.51	4.666	4.16	1.45
1973	10.59	9.7	8.191	4.904	4.332	1.463
1974	9.211	8.469	7.297	4.658	3.879	1.419
1975	10.23	9.406	8.183	5.229	4.337	1.55
1976	7.855	7.298	5.763	3.154	3.207	1.191
1977	10.03	9.162	7.967	4.806	4.79	1.599
1978	11.46	10.56	8.979	5.611	4.807	1.732
1979	10.41	9.545	7.942	5.007	4.498	1.583
1980	9.276	8.462	7.197	4.413	4.206	1.466
1981	9.17	8.457	7.348	4.557	4.137	1.441
1982	11.08	10.27	8.999	5.725	4.514	1.642
1983	9.905	9.033	7.383	4.477	4.297	1.498
1984	10.23	9.454	8.465	5.364	4.69	1.607
1985	9.185	8.447	7.42	4.645	4.131	1.519
1986	10.48	9.601	8.057	4.68	4.091	1.414

```
1987  9.913 9.221 8.204 5.676 4.547 1.785
1988  10.29 9.418 7.978 4.832 4.473 1.551
1989  9.188 8.449 7.471 4.853 4.126 1.557
1990  10.18 9.354 8.214 5.098 4.348 1.563

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 12.64 11.62 9.811 6.025 5.305 1.952
0.0645161290322581      11.78 10.97 9.471 5.843 4.981 1.861
0.0967741935483871      11.54 10.65 9.017 5.832 4.879 1.785
0.129032258064516 11.46 10.56 8.999 5.773 4.807 1.779
0.161290322580645 11.08 10.27 8.979 5.725 4.79  1.732
0.193548387096774 10.76 10.1  8.802 5.676 4.704 1.687
0.225806451612903 10.59 9.7   8.469 5.611 4.69  1.642
0.258064516129032 10.48 9.694 8.465 5.426 4.547 1.607
0.290322580645161 10.41 9.601 8.316 5.364 4.52  1.599
0.32258064516129  10.41 9.545 8.306 5.262 4.514 1.583
0.354838709677419 10.37 9.538 8.214 5.229 4.508 1.563
0.387096774193548 10.29 9.499 8.204 5.098 4.498 1.557
0.419354838709677 10.23 9.454 8.191 5.007 4.473 1.551
0.451612903225806 10.23 9.418 8.183 4.905 4.435 1.551
0.483870967741936 10.18 9.406 8.142 4.904 4.381 1.55
0.516129032258065 10.15 9.354 8.057 4.885 4.348 1.519
0.548387096774194 10.13 9.323 7.978 4.853 4.337 1.509
0.580645161290323 10.03 9.221 7.967 4.832 4.332 1.507
0.612903225806452 9.913 9.162 7.942 4.806 4.297 1.498
0.645161290322581 9.905 9.033 7.529 4.68  4.206 1.466
0.67741935483871  9.278 8.578 7.51  4.666 4.16  1.463
0.709677419354839 9.276 8.513 7.499 4.658 4.137 1.45
0.741935483870968 9.266 8.491 7.471 4.645 4.131 1.441
0.774193548387097 9.261 8.469 7.42  4.625 4.126 1.435
0.806451612903226 9.211 8.462 7.383 4.62  4.091 1.419
0.838709677419355 9.188 8.457 7.348 4.557 4.073 1.417
0.870967741935484 9.185 8.449 7.297 4.477 3.92  1.414
0.903225806451613 9.17  8.447 7.197 4.413 3.879 1.39
0.935483870967742 8.969 8.198 7.028 4.158 3.834 1.343
0.967741935483871 7.855 7.298 5.763 3.154 3.207 1.191

0.1   11.532      10.641      9.0152      5.8261      4.8718
      1.7844
                              Average of yearly averages:   1.5487

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: walnut615
Metfile:    w23232.dvf
PRZM scenario:    CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
```

```
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-06 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    60    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
stored as walnut815.out
Chemical: EPTC
PRZM environment: CAalmond_WirrigSTD.txt  modified Wedday, 13 June 2007
at 12:17:16
EXAMS environment: pond298.exv      modified Thuday, 29 August 2002 at
16:33:30
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  8.308 7.604 6.382 3.899 3.132 1.099
1962  8.944 8.326 7.352 4.837 4.019 1.433
1963  9.39  8.831 7.669 5.402 4.896 2.017
1964  9.21  8.66  6.791 4.287 4.389 1.684
1965  8.94  8.258 7.232 4.439 3.738 1.385
1966  12.74 11.9  9.76  6.186 4.812 2.039
1967  9.885 9.27  8.267 5.269 4.328 1.51
1968  8.823 8.082 7.208 4.451 4.192 1.433
1969  10.01 9.306 7.977 5.033 4.179 1.312
1970  11.1  10.24 8.445 5.178 4.424 1.458
1971  8.843 8.12  7.163 4.436 3.627 1.105
1972  8.948 8.213 7.231 4.509 3.768 1.259
1973  10.17 9.313 7.848 4.669 4.924 1.665
1974  8.874 8.152 7.014 4.514 3.798 1.262
1975  9.888 9.088 7.869 5.007 4.157 1.248
1976  4.888 4.522 4.096 2.941 2.576 0.8603
1977  9.533 8.7   7.543 4.515 3.723 1.611
1978  10.94 10.07 8.549 5.318 4.428 1.78
1979  10.58 9.844 7.872 5.234 5.241 1.979
1980  8.937 8.145 6.9   4.235 3.524 1.32
1981  15.92 14.85 12.96 9.41  7.091 2.602
1982  13.94 13.36 11.73 8.062 6.309 2.595
1983  12.23 11.47 9.587 5.847 4.635 2.1
1984  8.611 7.954 6.758 4.441 3.615 1.338
```

```
1985  8.819 8.102 7.098 4.484 3.656 1.41
1986  10.26 9.392 7.867 4.554 3.685 1.286
1987  9.47  8.801 7.81  5.446 5.459 1.85
1988  9.603 8.785 7.46  4.619 3.794 1.386
1989  9.921 9.397 7.776 6.258 5.306 2.124
1990  9.827 9.023 7.908 4.888 4.002 1.591

Sorted results
Prob. Peak  96 hr 21 Day      60 Day      90 Day      Yearly
0.032258064516129 15.92 14.85 12.96 9.41  7.091 2.602
0.0645161290322581      13.94 13.36 11.73 8.062 6.309 2.595
0.0967741935483871      12.74 11.9  9.76  6.258 5.459 2.124
0.129032258064516 12.23 11.47 9.587 6.186 5.306 2.1
0.161290322580645 11.1  10.24 8.549 5.847 5.241 2.039
0.193548387096774 10.94 10.07 8.445 5.446 4.924 2.017
0.225806451612903 10.58 9.844 8.267 5.402 4.896 1.979
0.258064516129032 10.26 9.397 7.977 5.318 4.812 1.85
0.290322580645161 10.17 9.392 7.908 5.269 4.635 1.78
0.32258064516129  10.01 9.313 7.872 5.234 4.428 1.684
0.354838709677419 9.921 9.306 7.869 5.178 4.424 1.665
0.387096774193548 9.888 9.27  7.867 5.033 4.389 1.611
0.419354838709677 9.885 9.088 7.848 5.007 4.328 1.591
0.451612903225806 9.827 9.023 7.81  4.888 4.192 1.51
0.483870967741936 9.603 8.831 7.776 4.837 4.179 1.458
0.516129032258065 9.533 8.801 7.669 4.669 4.157 1.433
0.548387096774194 9.47  8.785 7.543 4.619 4.019 1.433
0.580645161290323 9.39  8.7   7.46  4.554 4.002 1.41
0.612903225806452 9.21  8.66  7.352 4.515 3.798 1.386
0.645161290322581 8.948 8.326 7.232 4.514 3.794 1.385
0.67741935483871  8.944 8.258 7.231 4.509 3.768 1.338
0.709677419354839 8.94  8.213 7.208 4.484 3.738 1.32
0.741935483870968 8.937 8.152 7.163 4.451 3.723 1.312
0.774193548387097 8.874 8.145 7.098 4.441 3.685 1.286
0.806451612903226 8.843 8.12  7.014 4.439 3.656 1.262
0.838709677419355 8.823 8.102 6.9   4.436 3.627 1.259
0.870967741935484 8.819 8.082 6.791 4.287 3.615 1.248
0.903225806451613 8.611 7.954 6.758 4.235 3.524 1.105
0.935483870967742 8.308 7.604 6.382 3.899 3.132 1.099
0.967741935483871 4.888 4.522 4.096 2.941 2.576 0.8603

0.1   12.689      11.857      9.7427      6.2508      5.4437
      2.1216
                              Average of yearly averages:
      1.59137666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: walnut815
Metfile:    w23232.dvf
PRZM scenario:    CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name:    EPTC
Description Variable Name     Value Units Comments
Molecular weight  mwt   189.32      g/mol
Henry's Law Const.      henry 1.5e-05     atm-m^3/mol
Vapor Pressure    vapr  1.6e-02     torr
```

```
Solubility  sol   344   mg/L
Kd    Kd          mg/L
Koc   Koc   172   mg/L
Photolysis half-life    kdp   0     days  Half-life
Aerobic Aquatic Metabolism    kbacw 0     days  Halfife
Anaerobic Aquatic Metabolism  kbacs 0     days  Halfife
Aerobic Soil Metabolism asm   37.08 days  Halfife
Hydrolysis: pH 7  0     days  Half-life
Method:     CAM   1     integer     See PRZM manual
Incorporation Depth:    DEPI  4     cm
Application Rate: TAPP  3.43  kg/ha
Application Efficiency: APPEFF      0.99  fraction
Spray Drift DRFT  0.01  fraction of application rate applied to pond
Application Date  Date  15-08 dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1  interval    60    days  Set to 0 or delete line for single
app.
app. rate 1 apprate     3.43  kg/ha
Record 17:  FILTRA
      IPSCND
      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)
```