Appendix B: Aquatic Exposure Modeling

Appendix B.1. Aquatic Exposure: Summary of Modeling Results

The aquatic EECs for myclobutanil for the various scenarios, application practices and application rates are listed in Appendix B. Table 1.

Appendix B. Table 1. Aquatic EECs (µg/L) for Myclobutanil Uses in California

	Method[a]	Date of First	Representative Crop	#@rate/total/App Interval	EEC 1-year in 10-year		
CA Scenario	Application			Rate	Peak	21day	60 day
Almond	as	2-10	Almond	3@0.2/0.6/7	11.93	11.86	11.77
Almond	as			3@0.2/0.6/7	6.80	6.77	6.73
Citrus	as	8-01	Mango	8@0.25/2.0/14	21.75	21.58	21.30
Citrus	as			8@0.25/2.0/14	8.89	8.82	8.40
Cotton	Seed trt.	4-15	Cotton	0.89[1]	2.11	2.10	2.08
Forestry	as	8-05		2@0.25 + 1@0.1/0.6/14	21.76	21.61	21.46
Forestry	as			4@0.15/0.6/10	21.74	21.58	21.44
Forestry	gs			2@0.25 + 1@0.1/0.6/14	15.08	14.97	14.90
Forestry	gs			4@0.15/0.6/10	15.04	14.92	14.85
Fruit	as	3-10	Apple	4@0.5/2.0/7	29.79	29.45	28.94
Fruit	as			8@0.25/2.0/7	30.13	29.81	29.49
Fruit	gs			4@0.5/2.0/7	15.16	15.00	14.78
Fruit	gs			8@0.25/2.0/7	16.24	16.07	15.70
Fruit	as	3-10	Apricot	4@0.5/2.0/7	17.65	17.46	17.19
Fruit	as			8@0.25/2.0/7	15.44	15.31	15.08
Fruit	gs			4@0.5/2.0/7	9.78	9.55	9.31
Fruit	gs			8@0.25/2.0/7	7.70	7.65	7.59
Fruit	as	4-10	Canistel	8@0.25/2.0/14	31.35	30.31	30.17
Fruit	gs			8@0.25/2.0/14	19.04	18.68	18.00
Fruit	as	4-10	Cherry	2@0/0.47 + 1@0.11/1.31/7	21.25	21.72	20.59
Fruit	as			8@0.15 + 1@0.11/1.31/7	21.35	21.09	20.52
Fruit	gs			2@0/0.47 + 1@0.11/1.31/7	12.51	11.74	11.44
Fruit	gs			8@0.15 + 1@0.11/1.31/7	10.83	10.58	10.38
Fruit	as	4-10	Fruit[2]	8@0.25/2.0/14	31.35	30.31	30.17
Fruit	gs			8@0.25/2.0/14	15.7	15.61	15.51
Fruit	as		Nectarine[3]	8@0.15 + 1@0.123/1.31/7	19.88	19.69	19.39
Fruit	gs			8@0.15 + 1@0.123/1.31/7	10.81	10.55	10.36
Fruit	as	3-10	Peach	2@0.47 + 1@0.37/1.31/7	19.45	19.24	18.85
Fruit	as			8@0.15 + 1@0.123/1.31/7	19.88	19.69	19.39
Fruit	gs			2@0.47 + 1@0.37/1.31/7	10.03	9.92	9.70
Fruit	gs			8@0.15 + 1@0.123/1.31/7	10.81	10.55	10.36

Appendix B. Table 1. Aquatic EECs (µg/L) for Myclobutanil Uses in California

CA Scenario	Method[a]	Date of First Application	Representative Crop	#@rate/total/App Interval Rate	EEC 1-year in 10-year Peak	21day	60 day
Fruit	as	2-20	Plum[4]	7@0.157/1.1/7	16.18	16.04	15.80
Fruit	gs			7@0.157/1.1/7	8.07	8.02	7.95
Fruit	as	7-20	Prune[4]	7@0.157/1.1/7	16.83	16.67	16.45
Fruit	gs			7@0.157/1.1/7	9.41	8.93	8.75
Grapes	as	4-01	Grapes	4@0.13 + 1@0.08/0.60/7	8.99	8.88	8.73
Grapes	as			6@0.10/0.60/7	9.07	8.98	8.83
Grapes	gs			4@0.13 + 1@0.08/0.60/7	4.75	4.57	4.53
Grapes	gs			6@0.10/0.60/7	4.70	4.60	4.56
Wine Grapes	as	5-01	Berry	4@0.125/0.50/10	9.58	9.50	9.37
Wine Grapes	gs			4@0.125/0.50/10	4.92	4.89	4.82
Wine Grapes	as	5-01	currants	8@0.125/1.0/7	19.19	19.03	18.83
Wine Grapes	gs			8@0.125/1.0/7	9.96	9.89	9.77
Lettuce	as	9-02	Lettuce[5]	4@0.125/0.50/14	41.02	40.58	38.61
Lettuce	gs			4@0.125/0.50/14	37.54	37.10	35.10
Melons	as	6-15	Melon	4@0.12 + 1@0.10/0.60/7	16.32	15.74	15.61
Melons	gs			4@0.12 + 1@0.10/0.60	12.66	12.18	12.07
Nursery	as	07-01	Ornamental	0.26/ns[6]/2.0[7]/7	45.25	44.93	44.21
Nursery	gs			0.26/ns[6]/2.0[7]/7	32.46	32.05	31.51
Row Crop	as	2-15	Artichoke	6@0.10/0.60/7	15.92	15.79	15.55
Row Crop	gs			6@0.10/0.60/7	10.00	9.92	9.77
Row Crop	as	7-15	Asparagus	6@0.125/0.76/14	22.29	22.16	21.95
Row Crop	gs			6@0.125/0.76/14	17.94	17.76	17.50
Row Crop	as	2-20	Beans	4@0.125/0.50/7	13.62	13.52	13.35
Row Crop	gs			4@0.125/0.50/7	8.63	8.57	8.47
Row Crop	as	2-01	Carrot	2@0.19/0.38/14	10.48	10.39	10.23
Row Crop	gs			2@0.19/0.38/14	6.76	6.69	6.59
Row Crop	as	9-14	Pepper, pimento	4@0.125/0.50/10	17.70	17.52	17.34
Row Crop	gs			4@0.125/0.50/10	13.20	13.06	12.94
Strawberry	as	03-01	Strawberry	6@0.125/0.75/14	34.19	34.03	33.83
Strawberry	gs			6@0.125/0.75/14	28.60	28.46	28.24
Strawberry	as	3-01	Berries	4@0.063/0.25/10	11.66	11.58	11.43
Strawberry	gs			4@0.063/0.25/10	9.42	9.35	9.23
Sugar Beet	as	2-01	Sugar beet	4@0.19/0.75/ns	12.73	12.60	12.35
Sugar Beet	gs			4@0.19/0.75/ns	7.41	7.33	7.18
Tomato	as	3-01	Okra	4@0.125/0.50/10	8.43	8.35	8.25
Tomato	gs			4@0.125/0.50/10	4.81	4.77	4.68
Turf	broadcast	2-01	Granular	6@1.34/14	54.56	54.29	53.84

Appendix B. Table 1. Aquatic EECs (µg/L) for Myclobutanil Uses in California

CA Scenario	Method[a]	Date of First Application	Representative Crop	#@rate/total/App Interval Rate	EEC 1-year in 10-year Peak	21day	60 day
Turf	as	2-01		4@0.19/0.75/14	20.69	20.53	20.34
Turf	gs			4@0.19/0.75/14	13.27	13.16	13.03
Hops [8]	as	9-01	Hops	4@0.25/1.0/7	28.83	28.65	28.38
Hops	as	4-01		4@0.25/1.0/7	17.96	17.82	17.56
Hops	gs	9-01		4@0.25/1.0/7	18.60	18.49	18.32
Hops	gs	4-01		4@0.25/1.0/7	6.64	6.59	6.52
Mint [8]	as	7-01	Peppermint[9]	3@0.15/0.375/14	10.98	10.90	10.78
Mint	gs			3@0.15/0.375/14	7.47	7.44	7.39

[a] as is aerial spray and gs is ground spray.

[1] Cotton rate is 0.0625 lb a.i./100 lb seed; [4200 seed/lb; 60,000 seed/acre = 14.29 lb seed/acre]

[2] Fruit – Mamey, Mayhaw, Star Apple

[3] For nectarines the seasonal maximum times the maximum number of application did not equal the maximum application rate.

[4] Individual application rate used in modeling (0.157 lb ai/A) exceeded the 0.15 lb ai/A maximum label rate. This allowed 7 seven equal application to obtain the label maximum seasonal or yearly rate of 1.10 lb ai/A/year.

[5] Lettuce and Brussels Sprouts

[6] ns is not specified on label.

[7] Ornamentals – maximum rate = 0.26 lb ai/A/application; season total = 2.0 lb ai/A/year or cc. Number of applications is not specified. Maximum seasonal rate is achieved by assuming 7 applications at 0.26 lb ai/A and an 8th application at 0.18 to obtain 2.0 lb ai/A per year. Reapplication interval is 7 days.

[8] Hops STD and Mint STD Scenarios are located in Oregon rather than California

[9] Peppermint and Spearmint

The aquatic EECs myclobutanil plus 1,2,4-triazole for the various scenarios, application practices and application rates are listed in Table 3.6.

Appendix B. Table 2. EECs California Red legged frog – myclobutanil + 1,2,4-triazole

		Date of First Application	Represent-ative Crop	# @ rate/total/App Interval # @lb ai/A/lb ai/A/days	EEC 1-year in 10-year		
CA Scenario	Method[a]	app		Rate	peak	21day	60 day
Almond	as	2-10	Almond	3@0.2/0.6/7	14.17	14.10	13.99
Almond	as			3@0.2/0.6/7	7.79	7.76	7.703
Citrus	as	8-01	Mango	8@0.25/2.0/14	27.90	27.78	27.37
Citrus	gs			8@0.25/2.0/14	11.83	11.78	11.52
Cotton	Seed treatment	4-15	Cotton	0.89[1]	2.84	2.82	2.77
Forestry	as	8-05		2@0.25 + 1@0.1/0.6/14	22.37	22.28	22.10
Forestry	as			4@0.15/0.6/10	22.40	22.29	22.11
Forestry	gs			2@0.25 + 1@0.1/0.6/14	13.88	13.82	13.72
Forestry	gs			4@0.15/0.6/10	14.05	13.98	13.85
Fruit	as	3-10	Apple	4@0.5/2.0/7	37.75	37.36	36.64
Fruit	as			8@0.25/2.0/7	37.94	37.63	37.16
Fruit	gs			4@0.5/2.0/7	20.71	20.49	20.02
Fruit	gs			8@0.25/2.0/7	20.47	20.34	20.05
Fruit	as	3-10	Apricot	2@0.47 + 1@/0.16/1.1/7	20.48	20.27	19.94
Fruit	as			7@0.15 + 1@0.05/1.1/7	18.53	18.40	18.18
Fruit	gs			2@0.47 + 1@/0.16/1.1/7	11.68	10.30	10.16
Fruit	gs			7@0.15 + 1@0.05/1.1/7	11.52	9.78	9.71
Fruit	as	4-10	Canistel	8@0.25/2.0/14	36.33	35.18	35.03
Fruit	gs			8@0.25/2.0/14	19.99	19.12	19.03
Fruit	as	4-10	Cherry	2@0/0.47 + 1@0.37/1.31/7	25.87	25.61	25.04
Fruit	as			8@0.15 + 1@0.11/1.31/7	24.01	24.51	24.22
Fruit	gs			2@0/0.47 + 1@0.37/1.31/7	14.36	14.24	14.03
Fruit	gs			8@0.15 + 1@0.11/1.31/7	14.05	12.55	12.50
Fruit	as	4-10	Fruit[2]	8@0.25/2.0/14	36.33	35.18	35.03
Fruit	gs			8@0.25/2.0/14	19.99	19.12	19.03
Fruit	as		Nectarine[3]	8@0.15 + 1@0.11/1.31/7	24.01	24.51	24.22
Fruit	gs			8@0.15 + 1@0.11/1.31/7	14.05	12.55	12.50
Fruit	as	3-10	Peach	2@0.47 + 1@0.37/7	24.55	24.29	23.88
Fruit	as			8@0.15 + 1@0.123/1.31/7	24.70	24.51	24.22
Fruit	gs			2@0.47 + 1@0.37/7	13.24	13.15	12.95
Fruit	gs			8@0.15 + 1@0.123/1.31/7	13.30	13.22	13.05
Fruit	as	2-20	Plum[4]	7@0.157/1.1/7	19.41	19.28	19.04
Fruit	gs			7@0.157/1.1/7	9.63	9.52	9.39

Appendix B. Table 2. EECs California Red legged frog – myclobutanil + 1,2,4-triazole

		Date of First Application	Represent-ative Crop	# @ rate/total/App Interval # @lb ai/A/lb ai/A/days	EEC 1-year in 10-year		
CA Scenario	Method[a]	app		Rate	peak	21day	60 day
Fruit	as	7-20	Prune[4]	7@0.157/1.1/7	17.32	17.13	16.96
Fruit	gs			7@0.157/1.1/7	8.04	7.78	7.71
Grapes	as	4-01	Grapes	4@0.13 + 1@0.08/0.60/7	11.18	11.06	10.82
Grapes	as			6@0.10/0.60/7	11.11	11.02	10.85
Grapes	gs			4@0.13 + 1@0.08/0.60/7	5.88	5.82	5.700
Grapes	gs			6@0.10/0.60/7	5.75	5.70	5.60
Wine Grapes	as	5-01	Berry	4@0.125/0.50/10	11.17	11.11	10.99
Wine Grapes	gs			4@0.125/0.50/10	5.14	5.11	5.08
Wine Grapes	as	5-01	currants	8@0.125/1.0/7	22.34	22.20	22.01
Wine Grapes	gs			8@0.125/1.0/7	10.46	10.41	10.34
Lettuce	as	9-02	Lettuce[5]	4@0.125/0.50/14	41.94	41.79	41.22
Lettuce	gs			4@0.125/0.50/14	37.12	36.96	36.49
Melons	as	6-15	Melon	4@0.12 + 1@0.10/0.50/7	18.61	18.41	18.21
Melons	gs			4@0.12 + 1@0.10/0.50	14.11	13.65	13.51
Nursery	as	7-01	Ornamental	0.26/ns[6]/2.0[7]/7	51.96	51.71	51.22
Nursery	gs			0.26/ns[6]/2.0[7]/7	36.91	36.73	36.32
Row Crop	as	2-15	Artichoke	6@0.10/0.60/7	17.57	17.46	17.27
Row Crop	gs			6@0.10/0.60/7	10.18	10.12	10.01
Row Crop	as	7-15	Asparagus	6@0.125/0.75/14	21.09	20.99	20.68
Row Crop	gs			6@0.125/0.75/14	13.25	13.16	13.02
Row Crop	as	2-20	Beans	4@0.125/0.50/7	15.56	15.48	15.35
Row Crop	gs			4@0.125/0.50/7	9.35	9.31	9.22
Row Crop	as	2-01	Carrot	2@0.19/0.38/14	11.21	11.15	11.03
Row Crop	gs			2@0.19/0.38/14	6.49	6.46	6.39
Row Crop	as	9-14	pepper, pimento	4@0.125/0.50/10	16.97	16.91	16.82
Row Crop	gs			4@0.125/0.50/10	11.12	11.07	10.98
Strawberry	as	3-01	Strawberry	6@0.125/0.75/14	40.84	40.69	40.41
Strawberry	gs			6@0.125/0.75/14	32.83	32.70	32.47
Strawberry	as	3-01	Berries	4@0.063/0.25/10	14.62	14.55	14.43
Strawberry	gs			4@0.063/0.25/10	11.79	11.74	11.64
Sugar Beet	as	2-01	Sugar beet	4@0.19/0.75/ns	15.09	15.00	14.82
Sugar Beet	gs			4@0.19/0.75/ns	7.40	7.33	7.18
Tomato	as	3-01	Okra	4@0.125/0.50/10	10.00	9.94	9.83
Tomato	gs			4@0.125/0.50/10	5.56	5.529	5.46
Turf	Granular	2-01	Granular	6@1.34/14	61.41	61.15	60.71
Turf	as	2-01		4@0.19/0.75/14	24.06	23.93	23.78

Appendix B. Table 2. EECs California Red legged frog – myclobutanil + 1,2,4-triazole

		Date of First Application	Represent-ative Crop	# @ rate/total/App Interval # @lb ai/A/lb ai/A/days	EEC 1-year in 10-year		
CA Scenario	Method[a]	app		Rate	peak	21day	60 day
Turf	gs			4@0.19/0.75/14	14.83	14.75	14.65
Hops [8]	as	9-01	Hops	4@0.25/1.0/7	28.81	28.65	28.38
Hops	as	4-01		4@0.25/1.0/7	20.52	20.39	20.18
Hops	gs	9-01		4@0.25/1.0/7	17.90	17.82	17.72
Hops	gs	4-01		4@0.25/1.0/7	6.33	6.29	6.23
Mint[8]	as	7-01	Peppermint[9]	3@0.15/0.375/14	12.01	11.98	11.92
Mint	gs			3@0.15/0.375/14	7.90	7.87	7.83

[a] as is aerial spray and gs is ground spray.

[1] Cotton rate is 0.0625 lb a.i./100 lb seed; [4200 seed/lb; 60,000 seed/acre = 14.29 lb seed/acre]

[2] Fruit – Mamey, Mayhaw, Star Apple

[3] For nectarines the seasonal maximum times the maximum number of application did not equal the maximum application rate.

[4] Individual application rate used in modeling (0.157 lb ai/A) exceeded the 0.15 lb ai/A maximum label rate. This allowed 7 seven equal application to obtain the label maximum seasonal or yearly rate of 1.10 lb ai/A/year.

[5] Lettuce and Brussels sprouts.

[6] ns is not specified on label.

[7] Ornamentals – maximum rate = 0.26 lb ai/A/application; season total = 2.0 lb ai/A/year or cc. Number of applications is not specified. Maximum seasonal rate is achieved by assuming 7 applications at 0.26 lb ai/A and an 8th application at 0.18 to obtain 2.0 lb ai/A per year. Reapplication interval is 7 days.

[8] Hops STD and Mint STD Scenarios are located in Oregon rather than California

[9] Peppermint and Spearmint

Appendix B.2. PRZM/EXAMS Output Files

```
stored as mycloAir.out
Chemical: Myclobutanil
PRZM environment: CAalmond_WirrigSTD.txt     modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exvmodified 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    1.697   1.693   1.686   1.671   1.66    1.305
1962    4.747   4.736   4.713   4.685   4.634   3.879
1963    6.192   6.182   6.146   6.062   5.992   5.283
1964    6.481   6.472   6.442   6.426   6.38    5.714
1965    6.737   6.728   6.687   6.647   6.595   5.926
1966    6.957   6.946   6.923   6.896   6.852   6.154
1967    7.351   7.341   7.298   7.231   7.187   6.417
1968    7.414   7.402   7.361   7.307   7.242   6.477
1969    8.68    8.666   8.614   8.513   8.42    7.403
1970    8.247   8.234   8.214   8.152   8.075   7.245
1971    8.021   8.014   7.983   7.959   7.9     7.114
1972    7.956   7.943   7.919   7.89    7.847   7.076
1973    11.66   11.64   11.54   11.34   11.18   9.487
1974    10.59   10.58   10.51   10.4    10.3    9.316
1975    10.3    10.29   10.26   10.19   10.11   9.052
1976    9.526   9.513   9.491   9.444   9.36    8.417
1977    8.977   8.964   8.939   8.906   8.832   8
1978    9.479   9.463   9.42    9.297   9.187   8.189
1979    10.07   10.05   9.986   9.875   9.778   8.668
1980    11      10.98   10.94   10.8    10.68   9.48
1981    10.33   10.32   10.26   10.18   10.11   9.121
1982    10.79   10.77   10.71   10.62   10.51   9.441
1983    10.52   10.51   10.48   10.37   10.27   9.233
1984    9.66    9.648   9.608   9.515   9.425   8.462
1985    8.98    8.968   8.937   8.847   8.764   7.903
1986    13.94   13.91   13.86   13.68   13.52   11.52
1987    13.5    13.47   13.39   13.2    13.03   11.69
1988    11.96   11.95   11.9    11.82   11.72   10.59
1989    10.99   10.97   10.91   10.81   10.7    9.672
1990    10.96   10.94   10.87   10.78   10.68   9.541

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       13.94   13.91   13.86   13.68   13.52   11.69
0.0645161290322581      13.5    13.47   13.39   13.2    13.03   11.52
0.0967741935483871      11.96   11.95   11.9    11.82   11.72   10.59
0.129032258064516       11.66   11.64   11.54   11.34   11.18   9.672
0.161290322580645       11      10.98   10.94   10.81   10.7    9.541
0.193548387096774       10.99   10.97   10.91   10.8    10.68   9.487
0.225806451612903       10.96   10.94   10.87   10.78   10.68   9.48
0.258064516129032       10.79   10.77   10.71   10.62   10.51   9.441
0.290322580645161       10.59   10.58   10.51   10.4    10.3    9.316
0.32258064516129        10.52   10.51   10.48   10.37   10.27   9.233
0.354838709677419       10.33   10.32   10.26   10.19   10.11   9.121
0.387096774193548       10.3    10.29   10.26   10.18   10.11   9.052
0.419354838709677       10.07   10.05   9.986   9.875   9.778   8.668
0.451612903225806       9.66    9.648   9.608   9.515   9.425   8.462
0.483870967741936       9.526   9.513   9.491   9.444   9.36    8.417
0.516129032258065       9.479   9.463   9.42    9.297   9.187   8.189
0.548387096774194       8.98    8.968   8.939   8.906   8.832   8
0.580645161290323       8.977   8.964   8.937   8.847   8.764   7.903
0.612903225806452       8.68    8.666   8.614   8.513   8.42    7.403
0.645161290322581       8.247   8.234   8.214   8.152   8.075   7.245
0.67741935483871        8.021   8.014   7.983   7.959   7.9     7.114
0.709677419354839       7.956   7.943   7.919   7.89    7.847   7.076
0.741935483870968       7.414   7.402   7.361   7.307   7.242   6.477
0.774193548387097       7.351   7.341   7.298   7.231   7.187   6.417
0.806451612903226       6.957   6.946   6.923   6.896   6.852   6.154
0.838709677419355       6.737   6.728   6.687   6.647   6.595   5.926
0.870967741935484       6.481   6.472   6.442   6.426   6.38    5.714
0.903225806451613       6.192   6.182   6.146   6.062   5.992   5.283
0.935483870967742       4.747   4.736   4.713   4.685   4.634   3.879
0.967741935483871       1.697   1.693   1.686   1.671   1.66    1.305

0.1     11.93   11.919  11.864  11.772  11.666  10.4982
                                        Average of yearly averages:   7.92583333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
```

Output File: mycloAir
Metfile: w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.224	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	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	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.224	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.224	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 myclogrd.out
Chemical: Myclobutanil
PRZM environment: CAalmond_WirrigSTD.txt modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exvmodified 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	0.4601	0.4588	0.456	0.4511	0.4449	0.3476
1962	2.613	2.607	2.588	2.571	2.552	2.126
1963	3.382	3.376	3.36	3.317	3.274	2.872
1964	3.049	3.045	3.039	3.024	3.005	2.767
1965	2.831	2.827	2.811	2.796	2.784	2.562
1966	2.744	2.739	2.728	2.714	2.692	2.474
1967	2.854	2.85	2.834	2.812	2.782	2.505
1968	2.73	2.726	2.716	2.692	2.666	2.411
1969	3.821	3.814	3.794	3.749	3.709	3.217
1970	3.31	3.305	3.3	3.282	3.262	2.972
1971	3.044	3.041	3.032	3.007	2.987	2.736
1972	2.92	2.916	2.901	2.891	2.865	2.622
1973	6.577	6.56	6.495	6.366	6.263	5.096
1974	5.462	5.454	5.424	5.375	5.325	4.866
1975	5.159	5.152	5.131	5.087	5.038	4.553
1976	4.367	4.361	4.352	4.327	4.303	3.933
1977	3.829	3.824	3.814	3.79	3.767	3.471
1978	4.263	4.255	4.231	4.185	4.136	3.65
1979	4.789	4.781	4.749	4.716	4.681	4.126
1980	5.78	5.77	5.748	5.692	5.635	4.941
1981	5.092	5.086	5.061	5.007	4.959	4.534
1982	5.522	5.513	5.485	5.459	5.41	4.831
1983	5.159	5.152	5.125	5.086	5.038	4.559
1984	4.287	4.281	4.264	4.258	4.236	3.866
1985	3.668	3.663	3.653	3.638	3.619	3.322
1986	8.87	8.847	8.786	8.708	8.598	7.093
1987	8.384	8.371	8.317	8.209	8.106	7.268
1988	6.822	6.812	6.799	6.771	6.73	6.169
1989	5.871	5.863	5.835	5.761	5.71	5.232
1990	5.746	5.739	5.712	5.695	5.667	5.088

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	8.87	8.847	8.786	8.708	8.598	7.268
0.0645161290322581	8.384	8.371	8.317	8.209	8.106	7.093
0.0967741935483871	6.822	6.812	6.799	6.771	6.73	6.169

```
0.129032258064516      6.577   6.56    6.495   6.366   6.263   5.232
0.161290322580645      5.871   5.863   5.835   5.761   5.71    5.096
0.193548387096774      5.78    5.77    5.748   5.695   5.667   5.088
0.225806451612903      5.746   5.739   5.712   5.692   5.635   4.941
0.258064516129032      5.522   5.513   5.485   5.459   5.41    4.866
0.290322580645161      5.462   5.454   5.424   5.375   5.325   4.831
0.32258064516129       5.159   5.152   5.131   5.087   5.038   4.559
0.354838709677419      5.159   5.152   5.125   5.086   5.038   4.553
0.387096774193548      5.092   5.086   5.061   5.007   4.959   4.534
0.419354838709677      4.789   4.781   4.749   4.716   4.681   4.126
0.451612903225806      4.367   4.361   4.352   4.327   4.303   3.933
0.483870967741936      4.287   4.281   4.264   4.258   4.236   3.866
0.516129032258065      4.263   4.255   4.231   4.185   4.136   3.65
0.548387096774194      3.829   3.824   3.814   3.79    3.767   3.471
0.580645161290323      3.821   3.814   3.794   3.749   3.709   3.322
0.612903225806452      3.668   3.663   3.653   3.638   3.619   3.217
0.645161290322581      3.382   3.376   3.36    3.317   3.274   2.972
0.67741935483871       3.31    3.305   3.3     3.282   3.262   2.872
0.709677419354839      3.049   3.045   3.039   3.024   3.005   2.767
0.741935483870968      3.044   3.041   3.032   3.007   2.987   2.736
0.774193548387097      2.92    2.916   2.901   2.891   2.865   2.622
0.806451612903226      2.854   2.85    2.834   2.812   2.784   2.562
0.838709677419355      2.831   2.827   2.811   2.796   2.782   2.505
0.870967741935484      2.744   2.739   2.728   2.714   2.692   2.474
0.903225806451613      2.73    2.726   2.716   2.692   2.666   2.411
0.935483870967742      2.613   2.607   2.588   2.571   2.552   2.126
0.967741935483871      0.4601  0.4588  0.456   0.4511  0.4449  0.3476

0.1     6.7975  6.7868  6.7686  6.7305  6.6833  6.0753
                                        Average of yearly averages:   3.87365333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: myclogrd
Metfile:       w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.224   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       7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.224   kg/ha
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.224   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 m124TAir.out
Chemical: Myclobutanil total
PRZM environment: CAalmond_WirrigSTD.txt     modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exvmodified 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    1.696   1.693   1.684   1.673   1.662   1.332
```

1962	5.27	5.263	5.24	5.201	5.154	4.388
1963	6.694	6.688	6.661	6.609	6.566	5.913
1964	7.154	7.148	7.13	7.09	7.04	6.416
1965	7.509	7.502	7.472	7.422	7.37	6.737
1966	7.803	7.797	7.773	7.739	7.684	7.02
1967	8.131	8.123	8.102	8.068	8.02	7.302
1968	8.307	8.298	8.272	8.223	8.162	7.441
1969	10.19	10.18	10.13	10.04	9.961	8.916
1970	9.846	9.836	9.815	9.729	9.651	8.832
1971	9.594	9.586	9.565	9.515	9.452	8.676
1972	9.494	9.485	9.465	9.419	9.359	8.587
1973	12.64	12.63	12.57	12.43	12.3	10.82
1974	11.92	11.91	11.86	11.76	11.67	10.75
1975	11.89	11.88	11.86	11.8	11.73	10.68
1976	11.2	11.19	11.17	11.09	11	10.08
1977	10.64	10.63	10.61	10.55	10.48	9.66
1978	10.79	10.77	10.73	10.62	10.54	9.639
1979	11.8	11.79	11.74	11.63	11.53	10.41
1980	12.62	12.61	12.57	12.46	12.36	11.24
1981	11.99	11.98	11.95	11.9	11.82	10.86
1982	12.26	12.25	12.2	12.1	12	11.02
1983	11.97	11.96	11.92	11.82	11.73	10.77
1984	11.23	11.22	11.19	11.09	10.99	10.05
1985	10.59	10.58	10.55	10.46	10.38	9.526
1986	16.01	15.98	15.96	15.81	15.68	13.72
1987	15.65	15.64	15.57	15.4	15.25	13.97
1988	14.27	14.25	14.2	14.09	13.99	12.87
1989	13.1	13.09	13.07	12.96	12.85	11.84
1990	13.32	13.31	13.25	13.13	13.02	11.84

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			16.01	15.98	15.96	15.81	15.68	13.97
0.0645161290322581			15.65	15.64	15.57	15.4	15.25	13.72
0.0967741935483871			14.27	14.25	14.2	14.09	13.99	12.87
0.129032258064516			13.32	13.31	13.25	13.13	13.02	11.84
0.161290322580645			13.1	13.09	13.07	12.96	12.85	11.84
0.193548387096774			12.64	12.63	12.57	12.46	12.36	11.24
0.225806451612903			12.62	12.61	12.57	12.43	12.3	11.02
0.258064516129032			12.26	12.25	12.2	12.1	12	10.86
0.290322580645161			11.99	11.98	11.95	11.9	11.82	10.82
0.32258064516129			11.97	11.96	11.92	11.82	11.73	10.77
0.354838709677419			11.92	11.91	11.86	11.8	11.73	10.75
0.387096774193548			11.89	11.88	11.86	11.76	11.67	10.68
0.419354838709677			11.8	11.79	11.74	11.63	11.53	10.41
0.451612903225806			11.23	11.22	11.19	11.09	11	10.08
0.483870967741936			11.2	11.19	11.17	11.09	10.99	10.05
0.516129032258065			10.79	10.77	10.73	10.62	10.54	9.66
0.548387096774194			10.64	10.63	10.61	10.55	10.48	9.639
0.580645161290323			10.59	10.58	10.55	10.46	10.38	9.526
0.612903225806452			10.19	10.18	10.13	10.04	9.961	8.916
0.645161290322581			9.846	9.836	9.815	9.729	9.651	8.832
0.67741935483871			9.594	9.586	9.565	9.515	9.452	8.676
0.709677419354839			9.494	9.485	9.465	9.419	9.359	8.587
0.741935483870968			8.307	8.298	8.272	8.223	8.162	7.441
0.774193548387097			8.131	8.123	8.102	8.068	8.02	7.302
0.806451612903226			7.803	7.797	7.773	7.739	7.684	7.02
0.838709677419355			7.509	7.502	7.472	7.422	7.37	6.737
0.870967741935484			7.154	7.148	7.13	7.09	7.04	6.416
0.903225806451613			6.694	6.688	6.661	6.609	6.566	5.913
0.935483870967742			5.27	5.263	5.24	5.201	5.154	4.388
0.967741935483871			1.696	1.693	1.684	1.673	1.662	1.332
0.1	14.175	14.156	14.105	13.994	13.893	12.767		

Average of yearly averages: 9.37683333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir
Metfile: w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil total

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	

```
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.224   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.224   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.224   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 m124Tgrd.out
Chemical: Myclobutanil total
PRZM environment: CAalmond_WirrigSTD.txt     modified Wedday, 13 June 2007 at 12:17:16
EXAMS environment: pond298.exvmodified 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    0.3885  0.3879  0.3868  0.3838  0.3818  0.3075
1962    3.006   3.001   2.99    2.966   2.941   2.475
1963    3.642   3.639   3.624   3.588   3.561   3.23
1964    3.341   3.338   3.328   3.319   3.301   3.078
1965    3.11    3.108   3.097   3.093   3.078   2.866
1966    2.958   2.956   2.946   2.93    2.918   2.724
1967    2.952   2.95    2.939   2.919   2.901   2.675
1968    2.858   2.855   2.843   2.818   2.797   2.575
1969    4.518   4.513   4.492   4.448   4.411   3.873
1970    3.999   3.995   3.983   3.958   3.932   3.638
1971    3.613   3.611   3.599   3.585   3.569   3.317
1972    3.374   3.37    3.36    3.343   3.33    3.099
1973    6.493   6.484   6.449   6.37    6.302   5.343
1974    5.699   5.694   5.671   5.622   5.578   5.183
1975    5.59    5.586   5.574   5.544   5.515   5.044
1976    4.85    4.845   4.837   4.815   4.787   4.436
1977    4.292   4.288   4.279   4.257   4.234   3.952
1978    4.36    4.355   4.342   4.3     4.261   3.894
1979    5.34    5.335   5.31    5.267   5.228   4.663
1980    6.205   6.199   6.184   6.128   6.081   5.476
1981    5.517   5.512   5.492   5.455   5.422   5.038
1982    5.762   5.756   5.734   5.686   5.641   5.157
1983    5.322   5.317   5.3     5.256   5.218   4.823
1984    4.601   4.596   4.585   4.559   4.532   4.189
1985    4.027   4.023   4.016   3.991   3.965   3.68
1986    9.708   9.692   9.649   9.584   9.503   8.046
1987    9.308   9.299   9.259   9.159   9.068   8.312
1988    7.887   7.879   7.857   7.801   7.76    7.214
1989    6.739   6.733   6.716   6.669   6.625   6.165
1990    6.906   6.9     6.87    6.825   6.777   6.157

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       9.708   9.692   9.649   9.584   9.503   8.312
0.0645161290322581      9.308   9.299   9.259   9.159   9.068   8.046
0.0967741935483871      7.887   7.879   7.857   7.801   7.76    7.214
0.129032258064516       6.906   6.9     6.87    6.825   6.777   6.165
0.161290322580645       6.739   6.733   6.716   6.669   6.625   6.157
0.193548387096774       6.493   6.484   6.449   6.37    6.302   5.476
0.225806451612903       6.205   6.199   6.184   6.128   6.081   5.343
0.258064516129032       5.762   5.756   5.734   5.686   5.641   5.183
0.290322580645161       5.699   5.694   5.671   5.622   5.578   5.157
0.32258064516129        5.59    5.586   5.574   5.544   5.515   5.044
0.354838709677419       5.517   5.512   5.492   5.455   5.422   5.038
0.387096774193548       5.34    5.335   5.31    5.267   5.228   4.823
0.419354838709677       5.322   5.317   5.3     5.256   5.218   4.663
0.451612903225806       4.85    4.845   4.837   4.815   4.787   4.436
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0.483870967741936      4.601   4.596   4.585   4.559   4.532   4.189
0.516129032258065      4.518   4.513   4.492   4.448   4.411   3.952
0.548387096774194      4.36    4.355   4.342   4.3     4.261   3.894
0.580645161290323      4.292   4.288   4.279   4.257   4.234   3.873
0.612903225806452      4.027   4.023   4.016   3.991   3.965   3.68
0.645161290322581      3.999   3.995   3.983   3.958   3.932   3.638
0.67741935483871       3.642   3.639   3.624   3.588   3.569   3.317
0.709677419354839      3.613   3.611   3.599   3.585   3.561   3.23
0.741935483870968      3.374   3.37    3.36    3.343   3.33    3.099
0.774193548387097      3.341   3.338   3.328   3.319   3.301   3.078
0.806451612903226      3.11    3.108   3.097   3.093   3.078   2.866
0.838709677419355      3.006   3.001   2.99    2.966   2.941   2.724
0.870967741935484      2.958   2.956   2.946   2.93    2.918   2.675
0.903225806451613      2.952   2.95    2.939   2.919   2.901   2.575
0.935483870967742      2.858   2.855   2.843   2.818   2.797   2.475
0.967741935483871      0.3885  0.3879  0.3868  0.3838  0.3818  0.3075

0.1     7.7889  7.7811  7.7583  7.7034  7.6617  7.1091
                                        Average of yearly averages:   4.35431666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124Tgrd
Metfile:       w23232.dvf
PRZM scenario: CAalmond_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil total
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.224   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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.224   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.224   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 mycloAir.out
Chemical: Myclobutanil
PRZM environment: CAcitrus_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:41:26
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23155.dvf    modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    5.128   5.115   5.064   4.937   4.592   1.451
1962    9.924   9.906   9.83    9.666   9.361   6.836
1963    15.08   15.06   14.97   14.79   14.53   12.5
1964    15.89   15.87   15.79   15.59   15.35   14.02
1965    17.34   17.11   16.76   16.63   16.29   14.83
1966    18.23   18.22   18.13   17.93   17.58   16.43
1967    18.49   18.46   18.34   18.18   17.89   17.08
1968    18.2    18.17   18.06   17.85   17.62   16.75
1969    17.79   17.76   17.65   17.43   17.26   16.45
1970    21.75   21.7    21.55   19.85   18.75   16.65
1971    21.15   21.12   21.02   20.79   20.6    19.39
1972    19.87   19.84   19.77   19.58   19.4    18.47
1973    19.94   19.92   19.83   19.59   19.47   18.36
```

1974	21	20.97	20.87	20.57	20.26	18.03
1975	20.68	20.66	20.57	20.37	20.2	19.03
1976	19.42	19.4	19.32	19.24	19.13	18.16
1977	19.97	19.94	19.22	19.05	18.84	17.76
1978	22.83	22.79	22.63	22.27	22	20.58
1979	20.81	20.79	20.71	20.52	20.36	19.07
1980	19.23	19.21	19.14	18.96	18.8	17.96
1981	19.43	19.4	19.27	19.05	18.83	17.67
1982	18.75	18.74	18.66	18.49	18.33	17.4
1983	19.99	19.96	19.88	19.77	19.52	18.37
1984	19.77	19.75	19.67	19.48	19.33	18.34
1985	20.06	20.04	19.92	19.61	19.12	17.85
1986	19.51	19.49	19.39	19.18	19	18.11
1987	22.44	22.4	22.26	21.94	21.04	19.41
1988	21.7	21.68	21.58	21.36	21.17	19.92
1989	20.23	20.22	20.15	20.06	19.93	18.94
1990	19.61	19.6	19.53	19.36	19.2	18.21

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		22.83	22.79	22.63	22.27	22	20.58
0.0645161290322581		22.44	22.4	22.26	21.94	21.17	19.92
0.0967741935483871		21.75	21.7	21.58	21.36	21.04	19.41
0.129032258064516		21.7	21.68	21.55	20.79	20.6	19.39
0.161290322580645		21.15	21.12	21.02	20.57	20.36	19.07
0.193548387096774		21	20.97	20.87	20.52	20.26	19.03
0.225806451612903		20.81	20.79	20.71	20.37	20.2	18.94
0.258064516129032		20.68	20.66	20.57	20.06	19.93	18.47
0.290322580645161		20.23	20.22	20.15	19.85	19.52	18.37
0.32258064516129		20.06	20.04	19.92	19.77	19.47	18.36
0.354838709677419		19.99	19.96	19.88	19.61	19.4	18.34
0.387096774193548		19.97	19.94	19.83	19.59	19.33	18.21
0.419354838709677		19.94	19.92	19.77	19.58	19.2	18.16
0.451612903225806		19.87	19.84	19.67	19.48	19.13	18.11
0.483870967741936		19.77	19.75	19.53	19.36	19.12	18.03
0.516129032258065		19.61	19.6	19.39	19.24	19	17.96
0.548387096774194		19.51	19.49	19.32	19.18	18.84	17.85
0.580645161290323		19.43	19.4	19.27	19.05	18.83	17.76
0.612903225806452		19.42	19.4	19.22	19.05	18.8	17.67
0.645161290322581		19.23	19.21	19.14	18.96	18.75	17.4
0.67741935483871		18.75	18.74	18.66	18.49	18.33	17.08
0.709677419354839		18.49	18.46	18.34	18.18	17.89	16.75
0.741935483870968		18.23	18.22	18.13	17.93	17.62	16.65
0.774193548387097		18.2	18.17	18.06	17.85	17.58	16.45
0.806451612903226		17.79	17.76	17.65	17.43	17.26	16.43
0.838709677419355		17.34	17.11	16.76	16.63	16.29	14.83
0.870967741935484		15.89	15.87	15.79	15.59	15.35	14.02
0.903225806451613		15.08	15.06	14.97	14.79	14.53	12.5
0.935483870967742		9.924	9.906	9.83	9.666	9.361	6.836
0.967741935483871		5.128	5.115	5.064	4.937	4.592	1.451
0.1	21.745	21.698	21.577	21.303	20.996	19.408	

Average of yearly averages: 16.8009

Inputs generated by pe5.pl - Novemeber 2006

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

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-08	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.

```
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 myclogrd.out
Chemical: Myclobutanil
PRZM environment: CAcitrus_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:41:26
EXAMS environment: pond298.exvmodified 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    1.044   1.041   1.031   1.006   0.9368  0.2967
1962    3.069   3.064   3.043   3.003   2.948   2.444
1963    6.839   6.82    6.745   6.663   6.614   5.822
1964    6.09    6.085   6.063   6.01    5.969   5.558
1965    6.258   6.033   5.515   5.392   5.318   5.094
1966    6.367   6.359   6.327   6.258   6.235   5.835
1967    6.443   6.436   6.408   6.339   6.301   5.886
1968    5.924   5.918   5.895   5.836   5.785   5.336
1969    5.216   5.211   5.19    5.149   5.13    4.781
1970    9.251   9.226   9.138   7.372   6.419   5.047
1971    8.912   8.898   8.841   8.722   8.631   7.79
1972    7.237   7.232   7.211   7.153   7.091   6.64
1973    7.299   7.291   7.254   7.158   7.088   6.445
1974    8.299   8.287   8.241   7.866   7.739   6.175
1975    8.151   8.141   8.103   8.025   7.955   7.217
1976    6.92    6.911   6.877   6.806   6.763   6.262
1977    7.476   7.463   6.416   6.311   6.274   5.905
1978    10.81   10.79   10.69   10.48   10.33   9.039
1979    8.436   8.427   8.409   8.349   8.287   7.483
1980    6.895   6.889   6.87    6.821   6.771   6.255
1981    6.433   6.423   6.38    6.336   6.307   5.903
1982    6.231   6.225   6.202   6.149   6.101   5.651
1983    6.992   6.984   6.845   6.77    6.698   6.414
1984    6.964   6.957   6.927   6.86    6.804   6.238
1985    6.407   6.397   6.357   6.162   5.862   5.537
1986    6.215   6.207   6.175   6.104   6.049   5.592
1987    8.66    8.645   8.584   8.411   7.663   6.822
1988    8.342   8.333   8.293   8.201   8.128   7.395
1989    7.052   7.045   7.014   6.939   6.919   6.419
1990    6.208   6.204   6.185   6.133   6.086   5.618

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       10.81   10.79   10.69   10.48   10.33   9.039
0.0645161290322581      9.251   9.226   9.138   8.722   8.631   7.79
0.0967741935483871      8.912   8.898   8.841   8.411   8.287   7.483
0.129032258064516       8.66    8.645   8.584   8.349   8.128   7.395
0.161290322580645       8.436   8.427   8.409   8.201   7.955   7.217
0.193548387096774       8.342   8.333   8.293   8.025   7.739   6.822
0.225806451612903       8.299   8.287   8.241   7.866   7.663   6.64
0.258064516129032       8.151   8.141   8.103   7.372   7.091   6.445
0.290322580645161       7.476   7.463   7.254   7.158   7.088   6.419
0.32258064516129        7.299   7.291   7.211   7.153   6.919   6.414
0.354838709677419       7.237   7.232   7.014   6.939   6.804   6.262
0.387096774193548       7.052   7.045   6.927   6.86    6.771   6.255
0.419354838709677       6.992   6.984   6.877   6.821   6.763   6.238
0.451612903225806       6.964   6.957   6.87    6.806   6.698   6.175
0.483870967741936       6.92    6.911   6.845   6.77    6.614   5.905
0.516129032258065       6.895   6.889   6.745   6.663   6.419   5.903
0.548387096774194       6.839   6.82    6.416   6.339   6.307   5.886
```

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0.580645161290323      6.443   6.436   6.408   6.336   6.301   5.835
0.612903225806452      6.433   6.423   6.38    6.311   6.274   5.822
0.645161290322581      6.407   6.397   6.357   6.258   6.235   5.651
0.67741935483871       6.367   6.359   6.327   6.162   6.101   5.618
0.709677419354839      6.258   6.225   6.202   6.149   6.086   5.592
0.741935483870968      6.231   6.207   6.185   6.133   6.049   5.558
0.774193548387097      6.215   6.204   6.175   6.104   5.969   5.537
0.806451612903226      6.208   6.085   6.063   6.01    5.862   5.336
0.838709677419355      6.09    6.033   5.895   5.836   5.785   5.094
0.870967741935484      5.924   5.918   5.515   5.392   5.318   5.047
0.903225806451613      5.216   5.211   5.19    5.149   5.13    4.781
0.935483870967742      3.069   3.064   3.043   3.003   2.948   2.444
0.967741935483871      1.044   1.041   1.031   1.006   0.9368  0.2967

0.1     8.8868  8.8727  8.8153  8.4048  8.2711  7.4742
                                        Average of yearly averages:   5.89665666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: myclogrd
Metfile:       w23155.dvf
PRZM scenario: CAcitrus_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     251     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.28    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
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 m124TAir.out
Chemical: Myclobutanil total
PRZM environment: CAcitrus_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:41:26
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23155.dvf    modified Wedday, 3 July 2002 at 09:04:20
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    5.314   5.306   5.275   5.173   4.796   1.509
1962    10.1    10.09   10.04   9.905   9.559   6.785
1963    17.23   17.21   17.14   16.98   16.69   14.24
1964    18.39   18.38   18.3    18.13   17.86   16.38
1965    20.46   20.25   19.9    19.7    19.26   17.56
```

1966	21.49	21.48	21.41	21.24	20.84	19.56
1967	22.18	22.15	22.04	21.8	21.42	20.41
1968	21.98	21.96	21.86	21.67	21.41	20.49
1969	21.58	21.56	21.46	21.25	21.08	20.24
1970	28.46	28.42	28.28	25.52	23.83	20.87
1971	27.91	27.89	27.79	27.56	27.37	25.91
1972	26.1	26.09	26.03	25.85	25.66	24.58
1973	25.5	25.48	25.4	25.28	25.13	23.79
1974	27.16	27.14	27.05	26.72	26.38	23.43
1975	26.86	26.84	26.76	26.56	26.38	25.01
1976	25.37	25.34	25.24	25.11	25.04	23.91
1977	25.92	25.89	25.02	24.86	24.64	23.43
1978	26.5	26.47	26.37	26.06	25.91	24.77
1979	24.98	24.96	24.88	24.71	24.54	23.25
1980	23.48	23.46	23.4	23.22	23.07	22.19
1981	24.4	24.37	24.25	24.03	23.81	22.24
1982	23.77	23.75	23.68	23.51	23.34	22.26
1983	24.74	24.71	24.61	24.51	24.23	22.85
1984	24.51	24.49	24.41	24.23	24.07	23.02
1985	25.13	25.11	25.01	24.63	23.97	22.52
1986	24.63	24.61	24.52	24.3	24.12	23.12
1987	28.46	28.43	28.31	27.95	26.6	24.33
1988	27.78	27.76	27.67	27.44	27.25	25.81
1989	26.01	25.99	25.9	25.84	25.73	24.59
1990	25.14	25.13	25.06	24.88	24.72	23.57

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			28.46	28.43	28.31	27.95	27.37	25.91
0.0645161290322581			28.46	28.42	28.28	27.56	27.25	25.81
0.0967741935483871			27.91	27.89	27.79	27.44	26.6	25.01
0.129032258064516			27.78	27.76	27.67	26.72	26.38	24.77
0.161290322580645			27.16	27.14	27.05	26.56	26.38	24.59
0.193548387096774			26.86	26.84	26.76	26.06	25.91	24.58
0.225806451612903			26.5	26.47	26.37	25.85	25.73	24.33
0.258064516129032			26.1	26.09	26.03	25.84	25.66	23.91
0.290322580645161			26.01	25.99	25.9	25.52	25.13	23.79
0.32258064516129			25.92	25.89	25.4	25.28	25.04	23.57
0.354838709677419			25.5	25.48	25.24	25.11	24.72	23.43
0.387096774193548			25.37	25.34	25.06	24.88	24.64	23.43
0.419354838709677			25.14	25.13	25.02	24.86	24.54	23.25
0.451612903225806			25.13	25.11	25.01	24.71	24.23	23.12
0.483870967741936			24.98	24.96	24.88	24.63	24.12	23.02
0.516129032258065			24.74	24.71	24.61	24.51	24.07	22.85
0.548387096774194			24.63	24.61	24.52	24.3	23.97	22.52
0.580645161290323			24.51	24.49	24.41	24.23	23.83	22.26
0.612903225806452			24.4	24.37	24.25	24.03	23.81	22.24
0.645161290322581			23.77	23.75	23.68	23.51	23.34	22.19
0.67741935483871			23.48	23.46	23.4	23.22	23.07	20.87
0.709677419354839			22.18	22.15	22.04	21.8	21.42	20.49
0.741935483870968			21.98	21.96	21.86	21.67	21.41	20.41
0.774193548387097			21.58	21.56	21.46	21.25	21.08	20.24
0.806451612903226			21.49	21.48	21.41	21.24	20.84	19.56
0.838709677419355			20.46	20.25	19.9	19.7	19.26	17.56
0.870967741935484			18.39	18.38	18.3	18.13	17.86	16.38
0.903225806451613			17.23	17.21	17.14	16.98	16.69	14.24
0.935483870967742			10.1	10.09	10.04	9.905	9.559	6.785
0.967741935483871			5.314	5.306	5.275	5.173	4.796	1.509
0.1	27.897	27.877	27.778	27.368	26.578	24.986		

Average of yearly averages: 21.0874666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir
Metfile: w23155.dvf
PRZM scenario: CAcitrus_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil total

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife

```
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 m124Tgrd .out
Chemical: Myclobutanil total
PRZM environment: CAcitrus_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:41:26
EXAMS environment: pond298.exvmodified 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    1.088   1.087   1.081   1.061   0.9852  0.3115
1962    2.746   2.743   2.729   2.698   2.628   2.026
1963    7.908   7.897   7.852   7.787   7.77    6.902
1964    7.452   7.447   7.426   7.375   7.335   6.916
1965    7.867   7.655   7.17    6.977   6.758   6.495
1966    7.858   7.852   7.825   7.804   7.768   7.338
1967    7.818   7.812   7.788   7.747   7.713   7.318
1968    7.607   7.601   7.578   7.515   7.462   6.965
1969    6.813   6.808   6.787   6.738   6.699   6.279
1970    13.6    13.58   13.5    10.63   9.077   6.847
1971    13.29   13.28   13.22   13.1    13      11.91
1972    11.04   11.03   11.01   10.94   10.86   10.27
1973    10.28   10.27   10.24   10.15   10.1    9.303
1974    11.83   11.82   11.78   11.39   11.25   8.954
1975    11.69   11.69   11.65   11.57   11.49   10.56
1976    10.24   10.23   10.19   10.09   10.01   9.339
1977    10.71   10.7    9.522   9.412   9.383   8.873
1978    11.66   11.65   11.6    11.46   11.35   10.47
1979    9.809   9.801   9.785   9.732   9.672   8.9
1980    8.36    8.354   8.329   8.284   8.233   7.707
1981    8.646   8.635   8.592   8.551   8.523   7.689
1982    8.45    8.444   8.419   8.362   8.309   7.744
1983    8.884   8.877   8.766   8.679   8.597   8.085
1984    8.858   8.851   8.823   8.758   8.702   8.09
1985    8.634   8.625   8.587   8.311   7.851   7.344
1986    8.453   8.445   8.412   8.337   8.277   7.723
1987    11.82   11.8    11.74   11.53   10.33   8.831
1988    11.52   11.51   11.47   11.37   11.3    10.42
1989    10.02   10.01   9.981   9.888   9.83    9.217
1990    8.854   8.848   8.827   8.77    8.716   8.111

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      13.6    13.58   13.5    13.1    13      11.91
0.0645161290322581     13.29   13.28   13.22   11.57   11.49   10.56
0.0967741935483871     11.83   11.82   11.78   11.53   11.35   10.47
0.129032258064516      11.82   11.8    11.74   11.46   11.3    10.42
0.161290322580645      11.69   11.69   11.65   11.39   11.25   10.27
0.193548387096774      11.66   11.65   11.6    11.37   10.86   9.339
0.225806451612903      11.52   11.51   11.47   10.94   10.33   9.303
0.258064516129032      11.04   11.03   11.01   10.63   10.1    9.217
0.290322580645161      10.71   10.7    10.24   10.15   10.01   8.954
```

```
0.32258064516129      10.28   10.27   10.19   10.09   9.83    8.9
0.354838709677419     10.24   10.23   9.981   9.888   9.672   8.873
0.387096774193548     10.02   10.01   9.785   9.732   9.383   8.831
0.419354838709677     9.809   9.801   9.522   9.412   9.077   8.111
0.451612903225806     8.884   8.877   8.827   8.77    8.716   8.09
0.483870967741936     8.858   8.851   8.823   8.758   8.702   8.085
0.516129032258065     8.854   8.848   8.766   8.679   8.597   7.744
0.548387096774194     8.646   8.635   8.592   8.551   8.523   7.723
0.580645161290323     8.634   8.625   8.587   8.362   8.309   7.707
0.612903225806452     8.453   8.445   8.419   8.337   8.277   7.689
0.645161290322581     8.45    8.444   8.412   8.311   8.233   7.344
0.67741935483871      8.36    8.354   8.329   8.284   7.851   7.338
0.709677419354839     7.908   7.897   7.852   7.804   7.77    7.318
0.741935483870968     7.867   7.852   7.825   7.787   7.768   6.965
0.774193548387097     7.858   7.812   7.788   7.747   7.713   6.916
0.806451612903226     7.818   7.655   7.578   7.515   7.462   6.902
0.838709677419355     7.607   7.601   7.426   7.375   7.335   6.847
0.870967741935484     7.452   7.447   7.17    6.977   6.758   6.495
0.903225806451613     6.813   6.808   6.787   6.738   6.699   6.279
0.935483870967742     2.746   2.743   2.729   2.698   2.628   2.026
0.967741935483871     1.088   1.087   1.081   1.061   0.9852  0.3115

0.1     11.829  11.818  11.776  11.523  11.345  10.465
                                        Average of yearly averages:   7.89791666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124Tgrd
Metfile:        w23155.dvf
PRZM scenario: CAcitrus_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil total
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    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
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.28    kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.28    kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.28    kg/ha
Interval 5      interval        14      days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.28    kg/ha
Interval 6      interval        14      days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.28    kg/ha
Interval 7      interval        14      days    Set to 0 or delete line for single app.
app. rate 7     apprate 0.28    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 cottseed.out
Chemical: Myclobutanil
PRZM environment: CAcotton_WirrigSTD.txt     modified Tueday, 26 August 2008 at 06:16:36
EXAMS environment: pond298.exvmodified Tueday, 26 August 2008 at 06:14:08
Metfile: w93193.dvf    modified Tueday, 26 August 2008 at 06:16:12
Water segment concentrations (ppb)
```

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.09846	0.09814	0.0972	0.09389	0.0915	0.0571
1962	0.1356	0.1353	0.1342	0.1302	0.127	0.1004
1963	0.887	0.884	0.8704	0.845	0.8249	0.5458
1964	0.6548	0.6544	0.6524	0.6477	0.6436	0.5867
1965	0.5084	0.5081	0.5065	0.5027	0.4992	0.4654
1966	0.4274	0.4264	0.4236	0.4141	0.4066	0.3863
1967	2.977	2.971	2.932	2.836	2.766	1.822
1968	2.12	2.119	2.112	2.095	2.079	1.875
1969	1.624	1.622	1.618	1.606	1.596	1.449
1970	1.258	1.257	1.252	1.242	1.233	1.116
1971	2.05	2.044	2.021	1.978	1.94	1.511
1972	1.55	1.55	1.546	1.535	1.523	1.365
1973	1.177	1.177	1.173	1.164	1.156	1.043
1974	0.9003	0.8996	0.8966	0.8897	0.8836	0.8092
1975	0.7027	0.7023	0.7005	0.6956	0.6912	0.6435
1976	0.5703	0.5699	0.5683	0.5643	0.5606	0.5241
1977	0.5089	0.5081	0.5044	0.4947	0.4856	0.4485
1978	0.6878	0.6862	0.6779	0.6629	0.6487	0.5232
1979	0.5178	0.5174	0.5157	0.5115	0.5077	0.4686
1980	0.4158	0.4151	0.4128	0.4043	0.3992	0.3769
1981	0.7895	0.787	0.7768	0.7587	0.7415	0.5602
1982	0.5812	0.5801	0.5769	0.5713	0.5676	0.5331
1983	1.762	1.755	1.727	1.67	1.627	1.128
1984	1.269	1.268	1.264	1.253	1.244	1.111
1985	0.9399	0.9393	0.9369	0.9302	0.924	0.8321
1986	0.7151	0.7144	0.7114	0.7044	0.6984	0.6401
1987	0.9246	0.9215	0.9181	0.8959	0.8757	0.7038
1988	2.452	2.444	2.41	2.347	2.293	1.635
1989	1.797	1.793	1.782	1.756	1.744	1.626
1990	1.981	1.976	1.954	1.924	1.89	1.609

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	2.977	2.971	2.932	2.836	2.766	1.875
0.0645161290322581	2.452	2.444	2.41	2.347	2.293	1.822
0.0967741935483871	2.12	2.119	2.112	2.095	2.079	1.635
0.129032258064516	2.05	2.044	2.021	1.978	1.94	1.626
0.161290322580645	1.981	1.976	1.954	1.924	1.89	1.609
0.193548387096774	1.797	1.793	1.782	1.756	1.744	1.511
0.225806451612903	1.762	1.755	1.727	1.67	1.627	1.449
0.258064516129032	1.624	1.622	1.618	1.606	1.596	1.365
0.290322580645161	1.55	1.55	1.546	1.535	1.523	1.128
0.32258064516129	1.269	1.268	1.264	1.253	1.244	1.116
0.354838709677419	1.258	1.257	1.252	1.242	1.233	1.111
0.387096774193548	1.177	1.177	1.173	1.164	1.156	1.043
0.419354838709677	0.9399	0.9393	0.9369	0.9302	0.924	0.8321
0.451612903225806	0.9246	0.9215	0.9181	0.8959	0.8836	0.8092
0.483870967741936	0.9003	0.8996	0.8966	0.8897	0.8757	0.7038
0.516129032258065	0.887	0.884	0.8704	0.845	0.8249	0.6435
0.548387096774194	0.7895	0.787	0.7768	0.7587	0.7415	0.6401
0.580645161290323	0.7151	0.7144	0.7114	0.7044	0.6984	0.5867
0.612903225806452	0.7027	0.7023	0.7005	0.6956	0.6912	0.5602
0.645161290322581	0.6878	0.6862	0.6779	0.6629	0.6487	0.5458
0.67741935483871	0.6548	0.6544	0.6524	0.6477	0.6436	0.5331
0.709677419354839	0.5812	0.5801	0.5769	0.5713	0.5676	0.5241
0.741935483870968	0.5703	0.5699	0.5683	0.5643	0.5606	0.5232
0.774193548387097	0.5178	0.5174	0.5157	0.5115	0.5077	0.4686
0.806451612903226	0.5089	0.5081	0.5065	0.5027	0.4992	0.4654
0.838709677419355	0.5084	0.5081	0.5044	0.4947	0.4856	0.4485
0.870967741935484	0.4274	0.4264	0.4236	0.4141	0.4066	0.3863
0.903225806451613	0.4158	0.4151	0.4128	0.4043	0.3992	0.3769
0.935483870967742	0.1356	0.1353	0.1342	0.1302	0.127	0.1004
0.967741935483871	0.09846	0.09814	0.0972	0.09389	0.0915	0.0571

0.1	2.113	2.1115	2.1029	2.0833	2.0651	1.6341

Average of yearly averages: 0.883166666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: cottseed
Metfile: w93193.dvf
PRZM scenario: CAcotton_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	

```
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     5       integer See PRZM manual
Incorporation Depth:    DEPI    3       cm
Application Rate:       TAPP    1.00    kg/ha
Application Efficiency:         APPEFF  1       fraction
Spray Drift     DRFT    0       fraction of application rate applied to pond
Application Date        Date    15-04   dd/mm or dd/mmm or dd-mm or dd-mmm
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 cott124T.out
Chemical: Myclobutanil+124T
PRZM environment: CAcotton_WirrigSTD.txt     modified Tueday, 26 August 2008 at 06:16:36
EXAMS environment: pond298.exvmodified Tueday, 26 August 2008 at 06:14:08
Metfile: w93193.dvf    modified Tueday, 26 August 2008 at 06:16:12
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.1259  0.1256  0.1245  0.1224  0.1203  0.07658
1962    0.0998  0.09975 0.09953 0.09897 0.09846 0.09226
1963    0.7976  0.7962  0.7892  0.7727  0.7597  0.5127
1964    0.6375  0.6371  0.6355  0.6317  0.6284  0.5717
1965    0.501   0.5007  0.4994  0.4962  0.4934  0.4496
1966    0.3969  0.3967  0.3957  0.3935  0.3913  0.3545
1967    3.115   3.111   3.089   3.024   2.973   1.999
1968    2.428   2.426   2.42    2.404   2.388   2.16
1969    1.895   1.894   1.889   1.878   1.868   1.697
1970    1.491   1.49    1.486   1.476   1.467   1.325
1971    2.847   2.842   2.823   2.775   2.732   2.109
1972    2.282   2.281   2.276   2.262   2.248   2.026
1973    1.774   1.773   1.768   1.757   1.747   1.579
1974    1.381   1.38    1.376   1.367   1.359   1.228
1975    1.07    1.069   1.067   1.06    1.055   0.9618
1976    0.8495  0.849   0.847   0.8419  0.8374  0.7644
1977    0.678   0.6771  0.6739  0.6696  0.6658  0.6232
1978    0.7131  0.7121  0.707   0.6939  0.6823  0.6001
1979    0.5711  0.5708  0.5692  0.5654  0.5619  0.5054
1980    0.4372  0.4369  0.4356  0.4324  0.4298  0.3898
1981    0.9219  0.9201  0.9125  0.893   0.8752  0.6582
1982    0.7136  0.7133  0.7117  0.7074  0.7036  0.6402
1983    0.8688  0.8673  0.86    0.8428  0.8286  0.6934
1984    0.6901  0.6897  0.6877  0.683   0.6787  0.6059
1985    0.5195  0.5192  0.518   0.5149  0.5119  0.4592
1986    0.3983  0.3979  0.3965  0.3933  0.3905  0.3507
1987    0.4633  0.4623  0.4586  0.4479  0.44    0.3678
1988    3.037   3.031   3.004   2.944   2.894   1.956
1989    2.416   2.412   2.395   2.349   2.327   2.202
1990    2.777   2.772   2.752   2.702   2.657   2.283

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       3.115   3.111   3.089   3.024   2.973   2.283
0.0645161290322581      3.037   3.031   3.004   2.944   2.894   2.202
0.0967741935483871      2.847   2.842   2.823   2.775   2.732   2.16
0.129032258064516       2.777   2.772   2.752   2.702   2.657   2.109
0.161290322580645       2.428   2.426   2.42    2.404   2.388   2.026
0.193548387096774       2.416   2.412   2.395   2.349   2.327   1.999
0.225806451612903       2.282   2.281   2.276   2.262   2.248   1.956
0.258064516129032       1.895   1.894   1.889   1.878   1.868   1.697
0.290322580645161       1.774   1.773   1.768   1.757   1.747   1.579
0.32258064516129        1.491   1.49    1.486   1.476   1.467   1.325
0.354838709677419       1.381   1.38    1.376   1.367   1.359   1.228
0.387096774193548       1.07    1.069   1.067   1.06    1.055   0.9618
0.419354838709677       0.9219  0.9201  0.9125  0.893   0.8752  0.7644
0.451612903225806       0.8688  0.8673  0.86    0.8428  0.8374  0.6934
0.483870967741936       0.8495  0.849   0.847   0.8419  0.8286  0.6582
0.516129032258065       0.7976  0.7962  0.7892  0.7727  0.7597  0.6402
```

```
0.548387096774194      0.7136  0.7133  0.7117  0.7074  0.7036  0.6232
0.580645161290323      0.7131  0.7121  0.707   0.6939  0.6823  0.6059
0.612903225806452      0.6901  0.6897  0.6877  0.683   0.6787  0.6001
0.645161290322581      0.678   0.6771  0.6739  0.6696  0.6658  0.5717
0.67741935483871       0.6375  0.6371  0.6355  0.6317  0.6284  0.5127
0.709677419354839      0.5711  0.5708  0.5692  0.5654  0.5619  0.5054
0.741935483870968      0.5195  0.5192  0.518   0.5149  0.5119  0.4592
0.774193548387097      0.501   0.5007  0.4994  0.4962  0.4934  0.4496
0.806451612903226      0.4633  0.4623  0.4586  0.4479  0.44    0.3898
0.838709677419355      0.4372  0.4369  0.4356  0.4324  0.4298  0.3678
0.870967741935484      0.3983  0.3979  0.3965  0.3935  0.3913  0.3545
0.903225806451613      0.3969  0.3967  0.3957  0.3933  0.3905  0.3507
0.935483870967742      0.1259  0.1256  0.1245  0.1224  0.1203  0.09226
0.967741935483871      0.0998  0.09975 0.09953 0.09897 0.09846 0.07658

0.1     2.84    2.835   2.8159  2.7677  2.7245  2.1549
                                        Average of yearly averages:   1.008048

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: cott124T
Metfile:       w93193.dvf
PRZM scenario: CAcotton_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    5       integer See PRZM manual
Incorporation Depth:   DEPI    3       cm
Application Rate:      TAPP    1.0     kg/ha
Application Efficiency:       APPEFF  1       fraction
Spray Drift    DRFT    0       fraction of application rate applied to pond
Application Date       Date    15-04   dd/mm or dd/mmm or dd-mm or dd-mmm
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 mycloAirH.out
Chemical: Myclobutanil
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    2.049   2.045   2.031   1.894   1.808   0.6599
1962    7.164   7.149   7.089   6.956   6.657   3.27
1963    8.484   8.469   8.414   8.311   8.169   6.868
1964    11.15   11.14   11.08   10.76   10.05   8.433
1965    11.15   11.13   11.07   10.97   10.9    10.46
1966    11.88   11.86   11.81   11.65   11.51   10.62
1967    12.34   12.32   12.27   12.09   11.94   11.35
1968    12.59   12.57   12.5    12.4    12.35   11.76
1969    13.08   13.07   13.02   12.88   12.65   11.82
1970    13.05   13.03   12.97   12.85   12.74   12.31
1971    14.76   14.75   14.68   14.45   14.22   12.76
1972    14.5    14.48   14.42   14.29   14.21   13.83
1973    15.36   15.35   15.29   15.14   15.01   13.92
1974    14.93   14.91   14.86   14.81   14.68   14.33
1975    17.73   17.72   17.62   17.43   16.68   14.74
1976    17.07   17.06   16.99   16.84   16.72   16.36
1977    18.74   18.72   18.63   18.56   18.49   16.62
1978    18.64   18.61   18.5    18.29   18.15   17.42
```

1979	17.69	17.66	17.58	17.44	17.33	17.02
1980	17.79	17.77	17.7	16.92	16.81	16.46
1981	17.53	17.51	17.43	17.28	17.16	16.78
1982	18.73	18.72	18.64	18.54	17.88	16.59
1983	20.31	20.28	20.14	19.86	19.71	18.07
1984	21.87	21.83	21.71	21.56	21.18	18.84
1985	22.85	22.82	22.7	22.48	21.92	20.52
1986	22.06	22.04	21.94	21.71	21.55	20.78
1987	20.15	20.14	20.07	19.9	19.77	19.2
1988	20.8	20.78	20.7	20.56	19.86	18.91
1989	20.3	20.29	20.22	20.06	19.94	19.36
1990	19.41	19.39	19.34	19.03	18.91	18.47

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		22.85	22.82	22.7	22.48	21.92	20.78
0.0645161290322581		22.06	22.04	21.94	21.71	21.55	20.52
0.0967741935483871		21.87	21.83	21.71	21.56	21.18	19.36
0.129032258064516		20.8	20.78	20.7	20.56	19.94	19.2
0.161290322580645		20.31	20.29	20.22	20.06	19.86	18.91
0.193548387096774		20.3	20.28	20.14	19.9	19.77	18.84
0.225806451612903		20.15	20.14	20.07	19.86	19.71	18.47
0.258064516129032		19.41	19.39	19.34	19.03	18.91	18.07
0.290322580645161		18.74	18.72	18.64	18.56	18.49	17.42
0.32258064516129		18.73	18.72	18.63	18.54	18.15	17.02
0.354838709677419		18.64	18.61	18.5	18.29	17.88	16.78
0.387096774193548		17.79	17.77	17.7	17.44	17.33	16.62
0.419354838709677		17.73	17.72	17.62	17.43	17.16	16.59
0.451612903225806		17.69	17.66	17.58	17.28	16.81	16.46
0.483870967741936		17.53	17.51	17.43	16.92	16.72	16.36
0.516129032258065		17.07	17.06	16.99	16.84	16.68	14.74
0.548387096774194		15.36	15.35	15.29	15.14	15.01	14.33
0.580645161290323		14.93	14.91	14.86	14.81	14.68	13.92
0.612903225806452		14.76	14.75	14.68	14.45	14.22	13.83
0.645161290322581		14.5	14.48	14.42	14.29	14.21	12.76
0.67741935483871		13.08	13.07	13.02	12.88	12.74	12.31
0.709677419354839		13.05	13.03	12.97	12.85	12.65	11.82
0.741935483870968		12.59	12.57	12.5	12.4	12.35	11.76
0.774193548387097		12.34	12.32	12.27	12.09	11.94	11.35
0.806451612903226		11.88	11.86	11.81	11.65	11.51	10.62
0.838709677419355		11.15	11.14	11.08	10.97	10.9	10.46
0.870967741935484		11.15	11.13	11.07	10.76	10.05	8.433
0.903225806451613		8.484	8.469	8.414	8.311	8.169	6.868
0.935483870967742		7.164	7.149	7.089	6.956	6.657	3.27
0.967741935483871		2.049	2.045	2.031	1.894	1.808	0.6599
0.1	21.763	21.725	21.609	21.46	21.056	19.344	

Average of yearly averages: 14.2843633333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloAirH
Metfile: w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	2.39	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	05-08	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.112	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 mycloAirL.out
Chemical: Myclobutanil
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    2.066   2.062   2.048   1.908   1.82    0.6435
1962    7.821   7.804   7.737   7.588   7.236   3.394
1963    8.989   8.974   8.916   8.808   8.667   7.384
1964    11.58   11.56   11.5    11.18   10.47   8.864
1965    11.52   11.5    11.44   11.3    11.23   10.82
1966    12.23   12.21   12.16   12      11.85   10.95
1967    12.63   12.62   12.57   12.38   12.24   11.64
1968    12.81   12.79   12.71   12.62   12.58   12.01
1969    13.33   13.31   13.26   13.12   12.9    12.06
1970    13.26   13.24   13.18   13.06   12.95   12.51
1971    15.1    15.08   15.01   14.77   14.51   12.95
1972    14.77   14.76   14.7    14.56   14.49   14.11
1973    15.6    15.59   15.52   15.37   15.24   14.15
1974    15.15   15.13   15.08   15.03   14.9    14.53
1975    17.91   17.89   17.8    17.6    16.86   14.92
1976    17.24   17.23   17.16   17      16.89   16.51
1977    18.92   18.9    18.81   18.74   18.67   16.77
1978    18.86   18.83   18.71   18.5    18.36   17.58
1979    17.92   17.89   17.81   17.66   17.55   17.2
1980    17.98   17.96   17.89   17.13   17.02   16.64
1981    17.72   17.7    17.62   17.46   17.35   16.93
1982    18.88   18.86   18.78   18.68   18.02   16.72
1983    20.16   20.12   19.97   19.72   19.6    18.11
1984    21.84   21.81   21.68   21.54   21.16   18.78
1985    22.8    22.77   22.65   22.43   21.88   20.47
1986    22.01   21.99   21.89   21.66   21.5    20.71
1987    20.11   20.1    20.03   19.86   19.73   19.15
1988    20.79   20.76   20.68   20.54   19.84   18.87
1989    20.28   20.27   20.2    20.04   19.92   19.33
1990    19.38   19.36   19.31   19.01   18.9    18.44

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       22.8    22.77   22.65   22.43   21.88   20.71
0.0645161290322581      22.01   21.99   21.89   21.66   21.5    20.47
0.0967741935483871      21.84   21.81   21.68   21.54   21.16   19.33
0.129032258064516       20.79   20.76   20.68   20.54   19.92   19.15
0.161290322580645       20.28   20.27   20.2    20.04   19.84   18.87
0.193548387096774       20.16   20.12   20.03   19.86   19.73   18.78
0.225806451612903       20.11   20.1    19.97   19.72   19.6    18.44
0.258064516129032       19.38   19.36   19.31   19.01   18.9    18.11
0.290322580645161       18.92   18.9    18.81   18.74   18.67   17.58
0.32258064516129        18.88   18.86   18.78   18.68   18.36   17.2
0.354838709677419       18.86   18.83   18.71   18.5    18.02   16.93
0.387096774193548       17.98   17.96   17.89   17.66   17.55   16.77
0.419354838709677       17.92   17.89   17.81   17.6    17.35   16.72
0.451612903225806       17.91   17.89   17.8    17.46   17.02   16.64
0.483870967741936       17.72   17.7    17.62   17.13   16.89   16.51
0.516129032258065       17.24   17.23   17.16   17      16.86   14.92
0.548387096774194       15.6    15.59   15.52   15.37   15.24   14.53
0.580645161290323       15.15   15.13   15.08   15.03   14.9    14.15
0.612903225806452       15.1    15.08   15.01   14.77   14.51   14.11
0.645161290322581       14.77   14.76   14.7    14.56   14.49   12.95
0.67741935483871        13.33   13.31   13.26   13.12   12.95   12.51
0.709677419354839       13.26   13.24   13.18   13.06   12.9    12.06
0.741935483870968       12.81   12.79   12.71   12.62   12.58   12.01
0.774193548387097       12.63   12.62   12.57   12.38   12.24   11.64
0.806451612903226       12.23   12.21   12.16   12      11.85   10.95
0.838709677419355       11.58   11.56   11.5    11.3    11.23   10.82
0.870967741935484       11.52   11.5    11.44   11.18   10.47   8.864
0.903225806451613       8.989   8.974   8.916   8.808   8.667   7.384
0.935483870967742       7.821   7.804   7.737   7.588   7.236   3.394
0.967741935483871       2.066   2.062   2.048   1.908   1.82    0.6435

0.1     21.735  21.705  21.58   21.44   21.036  19.312
```

Average of yearly averages: 14.4381833333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloAirL
Metfile: w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	05-08	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	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 myclogrdH.out
Chemical: Myclobutanil
PRZM environment: CAForestryRLF.txt modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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	0.8845	0.8822	0.8747	0.7294	0.6232	0.1965
1962	5.119	5.106	5.056	4.952	4.652	1.805
1963	5.667	5.657	5.62	5.55	5.391	4.648
1964	7.75	7.738	7.689	7.383	6.61	5.502
1965	7.458	7.449	7.412	7.335	7.281	6.939
1966	7.371	7.362	7.332	7.179	6.985	6.549
1967	7.45	7.44	7.414	7.239	7.039	6.854
1968	7.325	7.318	7.289	7.219	7.163	6.949
1969	7.579	7.572	7.537	7.441	7.16	6.695
1970	7.348	7.34	7.305	7.231	7.178	6.938
1971	8.817	8.806	8.767	8.564	8.269	7.13
1972	8.569	8.561	8.526	8.447	8.384	8.056
1973	9.032	9.022	8.985	8.894	8.747	7.978
1974	8.705	8.697	8.667	8.598	8.544	8.24
1975	11.24	11.23	11.16	11.03	10.22	8.537
1976	10.78	10.77	10.72	10.62	10.54	10.11
1977	12.12	12.11	12.05	11.92	11.89	10.31
1978	11.8	11.78	11.71	11.56	11.48	11.13
1979	11.18	11.17	11.14	11.06	10.99	10.62
1980	11.1	11.09	11.04	10.44	10.37	9.976
1981	10.92	10.91	10.86	10.76	10.68	10.28
1982	12.01	12	11.94	11.83	11.11	10.06
1983	13.34	13.32	13.24	13.04	12.96	11.64
1984	15.2	15.18	15.08	15.01	14.64	12.49
1985	16.2	16.17	16.08	15.92	15.32	14.18
1986	15.6	15.59	15.51	15.35	15.23	14.41
1987	13.62	13.61	13.56	13.45	13.36	12.75
1988	14.03	14.01	13.97	13.88	13.09	12.41
1989	13.71	13.69	13.64	13.54	13.45	12.83

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1990    12.61   12.59   12.56   12.42   12.34   11.87

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       16.2    16.17   16.08   15.92   15.32   14.41
0.0645161290322581      15.6    15.59   15.51   15.35   15.23   14.18
0.0967741935483871      15.2    15.18   15.08   15.01   14.64   12.83
0.129032258064516       14.03   14.01   13.97   13.88   13.45   12.75
0.161290322580645       13.71   13.69   13.64   13.54   13.36   12.49
0.193548387096774       13.62   13.61   13.56   13.45   13.09   12.41
0.225806451612903       13.34   13.32   13.24   13.04   12.96   11.87
0.258064516129032       12.61   12.59   12.56   12.42   12.34   11.64
0.290322580645161       12.12   12.11   12.05   11.92   11.89   11.13
0.32258064516129        12.01   12      11.94   11.83   11.48   10.62
0.354838709677419       11.8    11.78   11.71   11.56   11.11   10.31
0.387096774193548       11.24   11.23   11.16   11.06   10.99   10.28
0.419354838709677       11.18   11.17   11.14   11.03   10.68   10.11
0.451612903225806       11.1    11.09   11.04   10.76   10.54   10.06
0.483870967741936       10.92   10.91   10.86   10.62   10.37   9.976
0.516129032258065       10.78   10.77   10.72   10.44   10.22   8.537
0.548387096774194       9.032   9.022   8.985   8.894   8.747   8.24
0.580645161290323       8.817   8.806   8.767   8.598   8.544   8.056
0.612903225806452       8.705   8.697   8.667   8.564   8.384   7.978
0.645161290322581       8.569   8.561   8.526   8.447   8.269   7.13
0.67741935483871        7.75    7.738   7.689   7.441   7.281   6.949
0.709677419354839       7.579   7.572   7.537   7.383   7.178   6.939
0.741935483870968       7.458   7.449   7.414   7.335   7.163   6.938
0.774193548387097       7.45    7.44    7.412   7.239   7.16    6.854
0.806451612903226       7.371   7.362   7.332   7.231   7.039   6.695
0.838709677419355       7.348   7.34    7.305   7.219   6.985   6.549
0.870967741935484       7.325   7.318   7.289   7.179   6.61    5.502
0.903225806451613       5.667   5.657   5.62    5.55    5.391   4.648
0.935483870967742       5.119   5.106   5.056   4.952   4.652   1.805
0.967741935483871       0.8845  0.8822  0.8747  0.7294  0.6232  0.1965

0.1     15.083  15.063  14.969  14.897  14.521  12.822
                                        Average of yearly averages:   8.93608333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: myclogrdH
Metfile:        w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    05-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.112   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 myclogrdL.out
Chemical: Myclobutanil
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
```

EXAMS environment: pond298.exvmodified 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	0.8976	0.8953	0.8876	0.7386	0.63	0.1943
1962	5.794	5.778	5.721	5.601	5.247	1.946
1963	6.183	6.172	6.132	6.058	5.9	5.195
1964	8.181	8.168	8.118	7.809	7.04	5.958
1965	7.88	7.87	7.831	7.751	7.694	7.325
1966	7.722	7.712	7.68	7.523	7.323	6.894
1967	7.742	7.731	7.704	7.529	7.375	7.164
1968	7.612	7.604	7.574	7.502	7.444	7.209
1969	7.817	7.81	7.774	7.676	7.397	6.946
1970	7.58	7.572	7.536	7.459	7.406	7.148
1971	9.143	9.131	9.092	8.874	8.552	7.336
1972	8.886	8.877	8.84	8.758	8.692	8.338
1973	9.26	9.249	9.212	9.119	8.972	8.214
1974	8.925	8.918	8.886	8.816	8.761	8.443
1975	11.4	11.39	11.32	11.19	10.39	8.721
1976	10.93	10.92	10.87	10.77	10.69	10.26
1977	12.29	12.27	12.22	12.09	12.05	10.46
1978	12	11.98	11.91	11.76	11.67	11.29
1979	11.37	11.36	11.33	11.25	11.19	10.8
1980	11.28	11.27	11.22	10.65	10.58	10.16
1981	11.1	11.09	11.03	10.93	10.86	10.43
1982	12.14	12.12	12.07	11.96	11.23	10.2
1983	13.16	13.14	13.08	12.89	12.83	11.68
1984	15.16	15.13	15.03	14.96	14.59	12.43
1985	16.12	16.09	16	15.85	15.25	14.12
1986	15.53	15.51	15.44	15.28	15.16	14.34
1987	13.56	13.55	13.5	13.39	13.3	12.69
1988	13.99	13.97	13.93	13.84	13.05	12.36
1989	13.66	13.65	13.6	13.5	13.41	12.78
1990	12.55	12.54	12.51	12.38	12.31	11.83

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			16.12	16.09	16	15.85	15.25	14.34
0.0645161290322581			15.53	15.51	15.44	15.28	15.16	14.12
0.0967741935483871			15.16	15.13	15.03	14.96	14.59	12.78
0.129032258064516			13.99	13.97	13.93	13.84	13.41	12.69
0.161290322580645			13.66	13.65	13.6	13.5	13.3	12.43
0.193548387096774			13.56	13.55	13.5	13.39	13.05	12.36
0.225806451612903			13.16	13.14	13.08	12.89	12.83	11.83
0.258064516129032			12.55	12.54	12.51	12.38	12.31	11.68
0.290322580645161			12.29	12.27	12.22	12.09	12.05	11.29
0.32258064516129			12.14	12.12	12.07	11.96	11.67	10.8
0.354838709677419			12	11.98	11.91	11.76	11.23	10.46
0.387096774193548			11.4	11.39	11.33	11.25	11.19	10.43
0.419354838709677			11.37	11.36	11.32	11.19	10.86	10.26
0.451612903225806			11.28	11.27	11.22	10.93	10.69	10.2
0.483870967741936			11.1	11.09	11.03	10.77	10.58	10.16
0.516129032258065			10.93	10.92	10.87	10.65	10.39	8.721
0.548387096774194			9.26	9.249	9.212	9.119	8.972	8.443
0.580645161290323			9.143	9.131	9.092	8.874	8.761	8.338
0.612903225806452			8.925	8.918	8.886	8.816	8.692	8.214
0.645161290322581			8.886	8.877	8.84	8.758	8.552	7.336
0.67741935483871			8.181	8.168	8.118	7.809	7.694	7.325
0.709677419354839			7.88	7.87	7.831	7.751	7.444	7.209
0.741935483870968			7.817	7.81	7.774	7.676	7.406	7.164
0.774193548387097			7.742	7.731	7.704	7.529	7.397	7.148
0.806451612903226			7.722	7.712	7.68	7.523	7.375	6.946
0.838709677419355			7.612	7.604	7.574	7.502	7.323	6.894
0.870967741935484			7.58	7.572	7.536	7.459	7.04	5.958
0.903225806451613			6.183	6.172	6.132	6.058	5.9	5.195
0.935483870967742			5.794	5.778	5.721	5.601	5.247	1.946
0.967741935483871			0.8976	0.8953	0.8876	0.7386	0.63	0.1943
0.1	15.043	15.014	14.92	14.848	14.472	12.771		

Average of yearly averages: 9.09537666666666

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: myclogrdL
Metfile: w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments

```
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     251     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.99    fraction
Spray Drift    DRFT    0.01    fraction of application rate applied to pond
Application Date       Date    05-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.168   kg/ha
Interval 2     interval        10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   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 m124TAirH.out
Chemical: Myclobutanil total
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    1.819   1.817   1.81    1.79    1.765   0.6536
1962    5.52    5.515   5.49    5.426   5.259   2.82
1963    7.114   7.106   7.073   7.019   6.951   5.683
1964    9.053   9.047   9.016   8.888   8.535   7.262
1965    9.691   9.682   9.643   9.555   9.508   8.87
1966    10.57   10.56   10.51   10.45   10.45   9.445
1967    11.16   11.15   11.09   11.01   11.01   10.33
1968    11.88   11.87   11.81   11.74   11.69   10.9
1969    12.14   12.14   12.1    12.04   11.97   11.33
1970    12.42   12.41   12.36   12.26   12.23   11.7
1971    13.55   13.54   13.5    13.4    13.4    12.16
1972    13.7    13.69   13.64   13.59   13.56   13.05
1973    14.62   14.61   14.57   14.5    14.46   13.4
1974    14.75   14.74   14.69   14.61   14.51   14
1975    15.9    15.89   15.83   15.72   15.44   14.4
1976    16.13   16.12   16.06   15.88   15.73   15.2
1977    18.82   18.8    18.75   18.63   18.53   16.21
1978    19.13   19.11   19.02   18.86   18.74   17.78
1979    18.46   18.44   18.41   18.3    18.25   17.85
1980    18      17.99   17.94   17.83   17.73   17.44
1981    17.86   17.84   17.77   17.64   17.53   17.05
1982    17.96   17.95   17.89   17.78   17.57   16.93
1983    20.07   20.05   19.94   19.74   19.61   17.74
1984    22.21   22.19   22.1    21.93   21.57   19.09
1985    22.96   22.94   22.86   22.7    22.31   21.13
1986    22.39   22.37   22.3    22.12   21.99   21.44
1987    20.97   20.96   20.9    20.76   20.65   20.21
1988    22.53   22.5    22.43   22.27   21.37   19.93
1989    22.04   22.03   21.97   21.84   21.74   21.27
1990    21.13   21.11   21.05   20.93   20.83   20.42

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      22.96   22.94   22.86   22.7    22.31   21.44
0.0645161290322581     22.53   22.5    22.43   22.27   21.99   21.27
0.0967741935483871     22.39   22.37   22.3    22.12   21.74   21.13
0.129032258064516      22.21   22.19   22.1    21.93   21.57   20.42
0.161290322580645      22.04   22.03   21.97   21.84   21.37   20.21
```

```
0.193548387096774      21.13   21.11   21.05   20.93   20.83   19.93
0.225806451612903      20.97   20.96   20.9    20.76   20.65   19.09
0.258064516129032      20.07   20.05   19.94   19.74   19.61   17.85
0.290322580645161      19.13   19.11   19.02   18.86   18.74   17.78
0.32258064516129       18.82   18.8    18.75   18.63   18.53   17.74
0.354838709677419      18.46   18.44   18.41   18.3    18.25   17.44
0.387096774193548      18      17.99   17.94   17.83   17.73   17.05
0.419354838709677      17.96   17.95   17.89   17.78   17.57   16.93
0.451612903225806      17.86   17.84   17.77   17.64   17.53   16.21
0.483870967741936      16.13   16.12   16.06   15.88   15.73   15.2
0.516129032258065      15.9    15.89   15.83   15.72   15.44   14.4
0.548387096774194      14.75   14.74   14.69   14.61   14.51   14
0.580645161290323      14.62   14.61   14.57   14.5    14.46   13.4
0.612903225806452      13.7    13.69   13.64   13.59   13.56   13.05
0.645161290322581      13.55   13.54   13.5    13.4    13.4    12.16
0.67741935483871       12.42   12.41   12.36   12.26   12.23   11.7
0.709677419354839      12.14   12.14   12.1    12.04   11.97   11.33
0.741935483870968      11.88   11.87   11.81   11.74   11.69   10.9
0.774193548387097      11.16   11.15   11.09   11.01   11.01   10.33
0.806451612903226      10.57   10.56   10.51   10.45   10.45   9.445
0.838709677419355      9.691   9.682   9.643   9.555   9.508   8.87
0.870967741935484      9.053   9.047   9.016   8.888   8.535   7.262
0.903225806451613      7.114   7.106   7.073   7.019   6.951   5.683
0.935483870967742      5.52    5.515   5.49    5.426   5.259   2.82
0.967741935483871      1.819   1.817   1.81    1.79    1.765   0.6536

0.1     22.372  22.352  22.28   22.101  21.723  21.059
                                        Average of yearly averages:   14.1897866666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAirH
Metfile:        w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil total
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    05-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.112   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 m124TAirL.out
Chemical: Myclobutanil total
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    1.829   1.828   1.82    1.799   1.774   0.6357
1962    5.969   5.963   5.935   5.865   5.662   2.894
1963    7.487   7.479   7.445   7.389   7.32    6.053
1964    9.378   9.372   9.339   9.21    8.859   7.582
```

1965	9.978	9.968	9.928	9.837	9.777	9.149
1966	10.85	10.83	10.78	10.72	10.73	9.698
1967	11.41	11.4	11.34	11.25	11.25	10.56
1968	12.11	12.1	12.04	11.99	11.94	11.12
1969	12.4	12.39	12.35	12.29	12.22	11.57
1970	12.64	12.62	12.57	12.46	12.44	11.91
1971	13.92	13.91	13.86	13.76	13.74	12.38
1972	14.02	14.01	13.96	13.91	13.88	13.36
1973	14.9	14.89	14.85	14.78	14.74	13.67
1974	15.02	15.01	14.96	14.88	14.77	14.24
1975	16.13	16.12	16.06	15.94	15.67	14.62
1976	16.36	16.36	16.3	16.11	15.97	15.41
1977	19.09	19.07	19.02	18.9	18.8	16.42
1978	19.56	19.54	19.45	19.28	19.16	18.06
1979	18.88	18.86	18.82	18.71	18.64	18.23
1980	18.4	18.39	18.34	18.23	18.13	17.79
1981	18.18	18.16	18.09	17.95	17.85	17.36
1982	18.24	18.22	18.17	18.06	17.84	17.2
1983	20.07	20.04	19.94	19.74	19.62	17.9
1984	22.27	22.24	22.15	21.98	21.63	19.12
1985	22.98	22.95	22.87	22.72	22.32	21.15
1986	22.41	22.39	22.31	22.13	22	21.43
1987	20.99	20.97	20.91	20.78	20.66	20.2
1988	22.54	22.52	22.44	22.29	21.39	19.93
1989	22.06	22.05	21.99	21.86	21.75	21.26
1990	21.14	21.13	21.07	20.94	20.84	20.41

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			22.98	22.95	22.87	22.72	22.32	21.43
0.0645161290322581			22.54	22.52	22.44	22.29	22	21.26
0.0967741935483871			22.41	22.39	22.31	22.13	21.75	21.15
0.129032258064516			22.27	22.24	22.15	21.98	21.63	20.41
0.161290322580645			22.06	22.05	21.99	21.86	21.39	20.2
0.193548387096774			21.14	21.13	21.07	20.94	20.84	19.93
0.225806451612903			20.99	20.97	20.91	20.78	20.66	19.12
0.258064516129032			20.07	20.04	19.94	19.74	19.62	18.23
0.290322580645161			19.56	19.54	19.45	19.28	19.16	18.06
0.32258064516129			19.09	19.07	19.02	18.9	18.8	17.9
0.354838709677419			18.88	18.86	18.82	18.71	18.64	17.79
0.387096774193548			18.4	18.39	18.34	18.23	18.13	17.36
0.419354838709677			18.24	18.22	18.17	18.06	17.85	17.2
0.451612903225806			18.18	18.16	18.09	17.95	17.84	16.42
0.483870967741936			16.36	16.36	16.3	16.11	15.97	15.41
0.516129032258065			16.13	16.12	16.06	15.94	15.67	14.62
0.548387096774194			15.02	15.01	14.96	14.88	14.77	14.24
0.580645161290323			14.9	14.89	14.85	14.78	14.74	13.67
0.612903225806452			14.02	14.01	13.96	13.91	13.88	13.36
0.645161290322581			13.92	13.91	13.86	13.76	13.74	12.38
0.67741935483871			12.64	12.62	12.57	12.46	12.44	11.91
0.709677419354839			12.4	12.39	12.35	12.29	12.22	11.57
0.741935483870968			12.11	12.1	12.04	11.99	11.94	11.12
0.774193548387097			11.41	11.4	11.34	11.25	11.25	10.56
0.806451612903226			10.85	10.83	10.78	10.72	10.73	9.698
0.838709677419355			9.978	9.968	9.928	9.837	9.777	9.149
0.870967741935484			9.378	9.372	9.339	9.21	8.859	7.582
0.903225806451613			7.487	7.479	7.445	7.389	7.32	6.053
0.935483870967742			5.969	5.963	5.935	5.865	5.662	2.894
0.967741935483871			1.829	1.828	1.82	1.799	1.774	0.6357
0.1	22.396	22.375	22.294	22.115	21.738	21.076		

Average of yearly averages: 14.3770566666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAirL
Metfile: w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil total

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife

```
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0      days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    05-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.168   kg/ha
Interval 2     interval        10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   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 m124TgrnH.out
Chemical: Myclobutanil total
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    0.5773  0.5767  0.5741  0.5508  0.5151  0.1707
1962    3.254   3.251   3.234   3.192   3.028   1.223
1963    3.964   3.959   3.941   3.905   3.835   3.186
1964    5.153   5.15    5.129   5.019   4.623   3.933
1965    5.035   5.031   5.014   4.978   4.951   4.816
1966    5.314   5.309   5.292   5.251   5.209   4.732
1967    5.407   5.402   5.383   5.317   5.271   5.083
1968    5.546   5.541   5.52    5.492   5.488   5.222
1969    5.609   5.605   5.591   5.547   5.46    5.242
1970    5.489   5.484   5.465   5.423   5.393   5.264
1971    6.372   6.367   6.345   6.279   6.222   5.37
1972    6.256   6.251   6.231   6.186   6.149   6.011
1973    6.91    6.906   6.883   6.83    6.786   6.127
1974    6.882   6.876   6.858   6.813   6.661   6.502
1975    7.839   7.833   7.805   7.744   7.431   6.725
1976    7.98    7.973   7.948   7.784   7.58    7.383
1977    10.46   10.44   10.42   10.37   10.32   8.301
1978    10.67   10.66   10.61   10.51   10.45   9.874
1979    10.21   10.2    10.18   10.12   10.07   9.81
1980    9.776   9.77    9.744   9.682   9.631   9.276
1981    9.172   9.163   9.124   9.068   9.015   8.806
1982    9.315   9.305   9.277   9.234   8.963   8.627
1983    11.28   11.26   11.22   11.09   11.02   9.477
1984    13.72   13.7    13.64   13.54   13.19   10.92
1985    14.44   14.43   14.37   14.27   13.84   12.95
1986    14.07   14.06   14.01   13.9    13.81   13.22
1987    12.57   12.56   12.53   12.45   12.38   11.9
1988    13.9    13.89   13.84   13.74   12.74   11.57
1989    13.59   13.58   13.54   13.46   13.39   12.88
1990    12.57   12.56   12.53   12.45   12.39   11.96

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      14.44   14.43   14.37   14.27   13.84   13.22
0.0645161290322581     14.07   14.06   14.01   13.9    13.81   12.95
0.0967741935483871     13.9    13.89   13.84   13.74   13.39   12.88
0.129032258064516      13.72   13.7    13.64   13.54   13.19   11.96
0.161290322580645      13.59   13.58   13.54   13.46   12.74   11.9
0.193548387096774      12.57   12.56   12.53   12.45   12.39   11.57
0.225806451612903      12.57   12.56   12.53   12.45   12.38   10.92
0.258064516129032      11.28   11.26   11.22   11.09   11.02   9.874
0.290322580645161      10.67   10.66   10.61   10.51   10.45   9.81
0.32258064516129       10.46   10.44   10.42   10.37   10.32   9.477
0.354838709677419      10.21   10.2    10.18   10.12   10.07   9.276
0.387096774193548      9.776   9.77    9.744   9.682   9.631   8.806
0.419354838709677      9.315   9.305   9.277   9.234   9.015   8.627
0.451612903225806      9.172   9.163   9.124   9.068   8.963   8.301
0.483870967741936      7.98    7.973   7.948   7.784   7.58    7.383
0.516129032258065      7.839   7.833   7.805   7.744   7.431   6.725
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0.548387096774194      6.91    6.906   6.883   6.83    6.786   6.502
0.580645161290323      6.882   6.876   6.858   6.813   6.661   6.127
0.612903225806452      6.372   6.367   6.345   6.279   6.222   6.011
0.645161290322581      6.256   6.251   6.231   6.186   6.149   5.37
0.67741935483871       5.609   5.605   5.591   5.547   5.488   5.264
0.709677419354839      5.546   5.541   5.52    5.492   5.46    5.242
0.741935483870968      5.489   5.484   5.465   5.423   5.393   5.222
0.774193548387097      5.407   5.402   5.383   5.317   5.271   5.083
0.806451612903226      5.314   5.309   5.292   5.251   5.209   4.816
0.838709677419355      5.153   5.15    5.129   5.019   4.951   4.732
0.870967741935484      5.035   5.031   5.014   4.978   4.623   3.933
0.903225806451613      3.964   3.959   3.941   3.905   3.835   3.186
0.935483870967742      3.254   3.251   3.234   3.192   3.028   1.223
0.967741935483871      0.5773  0.5767  0.5741  0.5508  0.5151  0.1707

0.1     13.882  13.871  13.82   13.72   13.37   12.788
                                        Average of yearly averages:   7.55202333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TgrnH
Metfile:        w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil total
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    05-08   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.112   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 m124TgrdL.out
Chemical: Myclobutanil total
PRZM environment: CAForestryRLF.txt   modified Tueday, 20 February 2007 at 13:06:10
EXAMS environment: pond298.exvmodified 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    2.449   2.446   2.432   2.401   2.378   1.657
1962    2.927   2.924   2.912   2.884   2.863   2.595
1963    6.124   6.119   6.092   6.037   5.989   4.953
1964    6.152   6.147   6.127   6.091   6.064   5.729
1965    6.706   6.7     6.677   6.62    6.577   6.103
1966    7.024   7.018   7       6.959   6.926   6.543
1967    8.44    8.432   8.416   8.353   8.295   7.612
1968    7.916   7.91    7.884   7.839   7.793   7.471
1969    7.316   7.31    7.285   7.226   7.188   6.926
1970    6.863   6.858   6.838   6.8     6.772   6.494
1971    8.459   8.452   8.422   8.352   8.297   7.582
1972    7.644   7.638   7.613   7.57    7.539   7.269
1973    8.562   8.554   8.52    8.474   8.425   7.832
1974    13.79   13.77   13.73   13.61   13.52   11.69
1975    15.15   15.14   15.11   15.07   15      13.9
```

1976	14.25	14.23	14.19	14.08	14.01	13.46
1977	13.15	13.14	13.11	13.04	12.97	12.5
1978	12.52	12.51	12.47	12.37	12.29	11.77
1979	12.65	12.64	12.61	12.53	12.46	11.74
1980	13.09	13.08	13.03	12.92	12.83	12.12
1981	12.11	12.1	12.07	12	11.93	11.47
1982	12.23	12.23	12.2	12.11	12.04	11.36
1983	14.08	14.06	14.01	13.88	13.78	12.65
1984	12.75	12.74	12.71	12.66	12.61	12.12
1985	11.8	11.79	11.75	11.69	11.63	11.19
1986	11.01	11	10.96	10.95	10.93	10.52
1987	10.27	10.26	10.23	10.18	10.14	9.747
1988	9.251	9.244	9.215	9.173	9.141	8.854
1989	8.817	8.81	8.778	8.718	8.663	8.303
1990	8.398	8.391	8.361	8.328	8.323	7.999

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			15.15	15.14	15.11	15.07	15	13.9
0.0645161290322581			14.25	14.23	14.19	14.08	14.01	13.46
0.0967741935483871			14.08	14.06	14.01	13.88	13.78	12.65
0.129032258064516			13.79	13.77	13.73	13.61	13.52	12.5
0.161290322580645			13.15	13.14	13.11	13.04	12.97	12.12
0.193548387096774			13.09	13.08	13.03	12.92	12.83	12.12
0.225806451612903			12.75	12.74	12.71	12.66	12.61	11.77
0.258064516129032			12.65	12.64	12.61	12.53	12.46	11.74
0.290322580645161			12.52	12.51	12.47	12.37	12.29	11.69
0.32258064516129			12.23	12.23	12.2	12.11	12.04	11.47
0.354838709677419			12.11	12.1	12.07	12	11.93	11.36
0.387096774193548			11.8	11.79	11.75	11.69	11.63	11.19
0.419354838709677			11.01	11	10.96	10.95	10.93	10.52
0.451612903225806			10.27	10.26	10.23	10.18	10.14	9.747
0.483870967741936			9.251	9.244	9.215	9.173	9.141	8.854
0.516129032258065			8.817	8.81	8.778	8.718	8.663	8.303
0.548387096774194			8.562	8.554	8.52	8.474	8.425	7.999
0.580645161290323			8.459	8.452	8.422	8.353	8.323	7.832
0.612903225806452			8.44	8.432	8.416	8.352	8.297	7.612
0.645161290322581			8.398	8.391	8.361	8.328	8.295	7.582
0.67741935483871			7.916	7.91	7.884	7.839	7.793	7.471
0.709677419354839			7.644	7.638	7.613	7.57	7.539	7.269
0.741935483870968			7.316	7.31	7.285	7.226	7.188	6.926
0.774193548387097			7.024	7.018	7	6.959	6.926	6.543
0.806451612903226			6.863	6.858	6.838	6.8	6.772	6.494
0.838709677419355			6.706	6.7	6.677	6.62	6.577	6.103
0.870967741935484			6.152	6.147	6.127	6.091	6.064	5.729
0.903225806451613			6.124	6.119	6.092	6.037	5.989	4.953
0.935483870967742			2.927	2.924	2.912	2.884	2.863	2.595
0.967741935483871			2.449	2.446	2.432	2.401	2.378	1.657
0.1	14.051	14.031	13.982	13.853	13.754	12.635		

Average of yearly averages: 9.0053

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TgrdL
Metfile: w24283.dvf
PRZM scenario: CAForestryRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil total

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	05-03	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.

```
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   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 AppleAirH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    5.499   5.48    5.398   5.241   5.124   3.616
1962    9.914   9.888   9.773   9.536   9.357   7.548
1963    17.97   17.92   17.77   17.39   17.11   13.85
1964    18.59   18.56   18.41   18.07   17.81   15.61
1965    22.94   22.89   22.76   22.34   22.03   18.85
1966    22.45   22.4    22.19   21.72   21.4    19.09
1967    28.28   28.23   28.04   27.46   27.16   23.46
1968    26.11   26.06   25.87   25.39   25.03   22.41
1969    30.48   30.42   30.15   29.51   28.98   24.95
1970    28      27.96   27.76   27.29   26.9    24.22
1971    32.61   32.55   32.3    31.69   31.14   27.61
1972    29.73   29.67   29.45   28.94   28.53   25.73
1973    29.01   28.97   28.74   28.22   27.79   24.73
1974    26.99   26.95   26.75   26.27   25.9    23.01
1975    25.42   25.38   25.22   24.8    24.47   21.77
1976    25.15   25.11   24.93   24.48   24.15   21.77
1977    25.38   25.33   25.1    24.62   24.29   21.47
1978    27.27   27.22   27.01   26.55   26.12   22.54
1979    25.11   25.06   24.86   24.38   24.01   21.14
1980    23.91   23.87   23.67   23.23   22.92   20.17
1981    23.99   23.94   23.75   23.36   23.01   19.96
1982    25.71   25.66   25.45   24.95   24.52   21.15
1983    25.95   25.9    25.63   25.05   24.86   21.81
1984    24.34   24.3    24.11   23.63   23.25   20.38
1985    23.56   23.51   23.28   22.79   22.44   19.66
1986    23.79   23.74   23.53   23.05   22.69   19.76
1987    27.36   27.31   27.04   26.55   26.25   23.33
1988    28.68   28.62   28.37   27.8    27.3    23.6
1989    29.8    29.73   29.43   28.92   28.52   24.62
1990    28.19   28.13   27.79   27.33   27.26   24.46

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       32.61   32.55   32.3    31.69   31.14   27.61
0.0645161290322581      30.48   30.42   30.15   29.51   28.98   25.73
0.0967741935483871      29.8    29.73   29.45   28.94   28.53   24.95
0.129032258064516       29.73   29.67   29.43   28.92   28.52   24.73
0.161290322580645       29.01   28.97   28.74   28.22   27.79   24.62
0.193548387096774       28.68   28.62   28.37   27.8    27.3    24.46
0.225806451612903       28.28   28.23   28.04   27.46   27.26   24.22
0.258064516129032       28.19   28.13   27.79   27.33   27.16   23.6
0.290322580645161       28      27.96   27.76   27.29   26.9    23.46
0.32258064516129        27.36   27.31   27.04   26.55   26.25   23.33
0.354838709677419       27.27   27.22   27.01   26.55   26.12   23.01
0.387096774193548       26.99   26.95   26.75   26.27   25.9    22.54
0.419354838709677       26.11   26.06   25.87   25.39   25.03   22.41
0.451612903225806       25.95   25.9    25.63   25.05   24.86   21.81
0.483870967741936       25.71   25.66   25.45   24.95   24.52   21.77
0.516129032258065       25.42   25.38   25.22   24.8    24.47   21.77
0.548387096774194       25.38   25.33   25.1    24.62   24.29   21.47
0.580645161290323       25.15   25.11   24.93   24.48   24.15   21.15
0.612903225806452       25.11   25.06   24.86   24.38   24.01   21.14
0.645161290322581       24.34   24.3    24.11   23.63   23.25   20.38
0.67741935483871        23.99   23.94   23.75   23.36   23.01   20.17
0.709677419354839       23.91   23.87   23.67   23.23   22.92   19.96
0.741935483870968       23.79   23.74   23.53   23.05   22.69   19.76
0.774193548387097       23.56   23.51   23.28   22.79   22.44   19.66
0.806451612903226       22.94   22.89   22.76   22.34   22.03   19.09
0.838709677419355       22.45   22.4    22.19   21.72   21.4    18.85
0.870967741935484       18.59   18.56   18.41   18.07   17.81   15.61
```

```
0.903225806451613      17.97   17.92   17.77   17.39   17.11   13.85
0.935483870967742      9.914   9.888   9.773   9.536   9.357   7.548
0.967741935483871      5.499   5.48    5.398   5.241   5.124   3.616

0.1     29.793  29.724  29.448  28.938  28.529  24.928
                                        Average of yearly averages:   20.7424666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleAirH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.56    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.56    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.56    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.56    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 AppleAirL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    5.366   5.348   5.281   5.118   4.989   3.487
1962    10.1    10.08   9.967   9.725   9.542   7.777
1963    17.03   16.99   16.81   16.45   16.19   13.42
1964    17.92   17.89   17.73   17.4    17.14   15.3
1965    21.53   21.49   21.28   20.89   20.61   18.16
1966    21.89   21.84   21.61   21.21   20.89   18.95
1967    28.49   28.44   28.15   27.66   27.18   23.57
1968    25.77   25.72   25.48   25.07   24.71   22.7
1969    29.49   29.43   29.13   28.67   28.31   25.04
1970    28.95   28.9    28.61   28.14   27.76   25.37
1971    33.53   33.46   33.18   32.74   32.22   28.67
1972    30.13   30.07   29.78   29.33   28.96   26.55
1973    29.49   29.44   29.14   28.66   28.27   25.57
1974    27.63   27.58   27.32   26.88   26.51   24.02
1975    26.55   26.51   26.26   25.83   25.48   23.02
1976    26.49   26.44   26.19   25.75   25.42   23.53
1977    27.3    27.24   27.02   26.63   26.26   23.65
1978    27.91   27.85   27.57   27.07   26.68   23.67
1979    25.73   25.68   25.42   24.99   24.62   22.04
1980    24.77   24.72   24.5    24.1    23.79   21.24
1981    24.95   24.9    24.64   24.19   23.79   20.99
1982    25.37   25.33   25.07   24.65   24.32   21.82
1983    28.88   28.81   28.49   27.77   27.18   23.73
1984    25.86   25.81   25.51   25.05   24.67   22.06
```

1985	24.66	24.61	24.36	23.94	23.57	21.08
1986	26.19	26.15	23.68	23.25	22.89	20.52
1987	30.08	30.01	29.81	29.51	29.15	26.45
1988	30.47	30.41	30.12	29.63	29.14	25.45
1989	29.2	29.13	28.9	28.52	28.16	25.07
1990	29.64	29.57	29.2	28.37	28.14	25.22

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129			33.53	33.46	33.18	32.74	32.22	28.67
0.0645161290322581			30.47	30.41	30.12	29.63	29.15	26.55
0.0967741935483871			30.13	30.07	29.81	29.51	29.14	26.45
0.129032258064516			30.08	30.01	29.78	29.33	28.96	25.57
0.161290322580645			29.64	29.57	29.2	28.67	28.31	25.45
0.193548387096774			29.49	29.44	29.14	28.66	28.27	25.37
0.225806451612903			29.49	29.43	29.13	28.52	28.16	25.22
0.258064516129032			29.2	29.13	28.9	28.37	28.14	25.07
0.290322580645161			28.95	28.9	28.61	28.14	27.76	25.04
0.32258064516129			28.88	28.81	28.49	27.77	27.18	24.02
0.354838709677419			28.49	28.44	28.15	27.66	27.18	23.73
0.387096774193548			27.91	27.85	27.57	27.07	26.68	23.67
0.419354838709677			27.63	27.58	27.32	26.88	26.51	23.65
0.451612903225806			27.3	27.24	27.02	26.63	26.26	23.57
0.483870967741936			26.55	26.51	26.26	25.83	25.48	23.53
0.516129032258065			26.49	26.44	26.19	25.75	25.42	23.02
0.548387096774194			26.19	26.15	25.51	25.07	24.71	22.7
0.580645161290323			25.86	25.81	25.48	25.05	24.67	22.06
0.612903225806452			25.77	25.72	25.42	24.99	24.62	22.04
0.645161290322581			25.73	25.68	25.07	24.65	24.32	21.82
0.67741935483871			25.37	25.33	24.64	24.19	23.79	21.24
0.709677419354839			24.95	24.9	24.5	24.1	23.79	21.08
0.741935483870968			24.77	24.72	24.36	23.94	23.57	20.99
0.774193548387097			24.66	24.61	23.68	23.25	22.89	20.52
0.806451612903226			21.89	21.84	21.61	21.21	20.89	18.95
0.838709677419355			21.53	21.49	21.28	20.89	20.61	18.16
0.870967741935484			17.92	17.89	17.73	17.4	17.14	15.3
0.903225806451613			17.03	16.99	16.81	16.45	16.19	13.42
0.935483870967742			10.1	10.08	9.967	9.725	9.542	7.777
0.967741935483871			5.366	5.348	5.281	5.118	4.989	3.487
0.1	30.125	30.064	29.807	29.492	29.122	26.362		

Average of yearly averages: 21.6041333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleAirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.28	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.28	kg/ha	

```
Interval 7     interval       7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28   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 AppleGrdH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.459   1.456   1.445   1.162   1.047   0.7765
1962    2.526   2.519   2.493   2.437   2.392   1.996
1963    8.653   8.63    8.549   8.363   8.2     6.371
1964    7.353   7.342   7.292   7.184   7.097   6.538
1965    10.63   10.6    10.55   10.4    10.28   8.698
1966    10.92   10.9    10.83   8.768   8.656   8.125
1967    14.76   14.73   14.62   14.29   14.02   12.12
1968    11.92   11.9    11.81   11.64   11.5    10.7
1969    16.07   16.04   15.89   15.53   15.25   12.89
1970    14.68   14.66   14.26   12.84   12.7    11.89
1971    18      17.96   17.82   17.48   17.17   15.2
1972    14.5    14.48   14.38   14.22   14.07   13.11
1973    13.63   13.61   13.52   13.34   13.18   11.99
1974    11.53   11.52   11.44   11.28   11.16   10.18
1975    9.891   9.878   9.824   9.699   9.588   8.747
1976    9.297   9.283   9.223   9.093   8.983   8.459
1977    9.304   9.289   9.211   9.071   8.97    8.133
1978    11.77   11.74   11.65   11.45   11.24   9.562
1979    9.553   9.537   9.467   9.325   9.208   8.304
1980    8.569   8.555   8.491   8.364   8.265   7.44
1981    8.667   8.65    8.578   8.516   8.409   7.389
1982    10.64   10.62   10.53   10.31   10.13   8.571
1983    11.11   11.09   10.97   10.69   10.46   9.15
1984    9.144   9.129   9.065   8.926   8.804   7.975
1985    8.621   8.606   8.529   8.385   8.275   7.464
1986    11.79   11.77   9.577   8.819   8.7     7.672
1987    12.8    12.78   12.66   12.51   12.44   11.38
1988    14.39   14.36   14.22   13.9    13.63   11.56
1989    15.2    15.16   15.03   14.83   14.65   12.59
1990    14.42   14.39   14.21   13.78   13.49   12.35

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       18      17.96   17.82   17.48   17.17   15.2
0.0645161290322581      16.07   16.04   15.89   15.53   15.25   13.11
0.0967741935483871      15.2    15.16   15.03   14.83   14.65   12.89
0.129032258064516       14.76   14.73   14.62   14.29   14.07   12.59
0.161290322580645       14.68   14.66   14.38   14.22   14.02   12.35
0.193548387096774       14.5    14.48   14.26   13.9    13.63   12.12
0.225806451612903       14.42   14.39   14.22   13.78   13.49   11.99
0.258064516129032       14.39   14.36   14.21   13.34   13.18   11.89
0.290322580645161       13.63   13.61   13.52   12.84   12.7    11.56
0.32258064516129        12.8    12.78   12.66   12.51   12.44   11.38
0.354838709677419       11.92   11.9    11.81   11.64   11.5    10.7
0.387096774193548       11.79   11.77   11.65   11.45   11.24   10.18
0.419354838709677       11.77   11.74   11.44   11.28   11.16   9.562
0.451612903225806       11.53   11.52   10.97   10.69   10.46   9.15
0.483870967741936       11.11   11.09   10.83   10.4    10.28   8.747
0.516129032258065       10.92   10.9    10.55   10.31   10.13   8.698
0.548387096774194       10.64   10.62   10.53   9.699   9.588   8.571
0.580645161290323       10.63   10.6    9.824   9.325   9.208   8.459
0.612903225806452       9.891   9.878   9.577   9.093   8.983   8.304
0.645161290322581       9.553   9.537   9.467   9.071   8.97    8.133
0.67741935483871        9.304   9.289   9.223   8.926   8.804   8.125
0.709677419354839       9.297   9.283   9.211   8.819   8.7     7.975
0.741935483870968       9.144   9.129   9.065   8.768   8.656   7.672
0.774193548387097       8.667   8.65    8.578   8.516   8.409   7.464
0.806451612903226       8.653   8.63    8.549   8.385   8.275   7.44
0.838709677419355       8.621   8.606   8.529   8.364   8.265   7.389
0.870967741935484       8.569   8.555   8.491   8.363   8.2     6.538
0.903225806451613       7.353   7.342   7.292   7.184   7.097   6.371
```

```
0.935483870967742      2.526   2.519   2.493   2.437   2.392   1.996
0.967741935483871      1.459   1.456   1.445   1.162   1.047   0.7765

0.1     15.156  15.117  14.989  14.776  14.592  12.86
                                        Average of yearly averages:   9.24435

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleGrdH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.56    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.56    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.56    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.56    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 AppleGrdL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.894   1.89    1.874   1.407   1.214   0.7839
1962    2.888   2.881   2.852   2.793   2.745   2.35
1963    7.737   7.72    7.643   7.521   7.415   6.024
1964    7.136   7.127   7.087   7.013   6.607   6.298
1965    9.327   9.309   9.244   9.126   9.028   8.062
1966    11.39   11.37   11.29   8.845   8.414   8.04
1967    14.9    14.87   14.79   14.51   14.23   12.3
1968    12.51   12.5    12.42   12.33   11.49   11.06
1969    15.18   15.16   15.09   14.93   14.71   13.05
1970    16.42   16.4    15.95   14.06   13.96   13.15
1971    18.91   18.88   18.82   18.55   18.25   16.37
1972    15.16   15.14   15.06   14.95   14.87   14.02
1973    14.38   14.36   14.28   14.16   14.05   12.92
1974    12.43   12.41   12.34   12.22   12.12   11.29
1975    11.24   11.22   11.15   11.03   10.93   10.11
1976    11.92   11.89   11.79   11.61   11.51   10.35
1977    11.63   11.6    11.54   11.45   11.36   10.46
1978    12.55   12.53   12.43   12.22   12.06   10.79
1979    10.46   10.45   10.38   10.26   10.17   9.294
1980    9.711   9.694   9.631   9.523   9.439   8.609
1981    9.91    9.891   9.824   9.666   9.552   8.52
1982    10.5    10.48   10.41   10.3    10.18   9.328
1983    13.97   13.93   13.77   13.41   13.11   11.21
1984    10.96   10.95   10.87   10.74   10.64   9.785
1985    10.08   10.06   9.999   9.893   9.803   8.996
```

1986	15.58	15.55	11.96	9.307	9.217	8.515
1987	16.25	16.21	16.1	15.88	15.82	14.67
1988	16.18	16.15	16.08	15.78	15.5	13.54
1989	15.08	15.04	14.89	14.67	14.58	13.1
1990	15.74	15.7	15.5	15.02	14.64	13.18

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			18.91	18.88	18.82	18.55	18.25	16.37
0.0645161290322581			16.42	16.4	16.1	15.88	15.82	14.67
0.0967741935483871			16.25	16.21	16.08	15.78	15.5	14.02
0.129032258064516			16.18	16.15	15.95	15.02	14.87	13.54
0.161290322580645			15.74	15.7	15.5	14.95	14.71	13.18
0.193548387096774			15.58	15.55	15.09	14.93	14.64	13.15
0.225806451612903			15.18	15.16	15.06	14.67	14.58	13.1
0.258064516129032			15.16	15.14	14.89	14.51	14.23	13.05
0.290322580645161			15.08	15.04	14.79	14.16	14.05	12.92
0.32258064516129			14.9	14.87	14.28	14.06	13.96	12.3
0.354838709677419			14.38	14.36	13.77	13.41	13.11	11.29
0.387096774193548			13.97	13.93	12.43	12.33	12.12	11.21
0.419354838709677			12.55	12.53	12.42	12.22	12.06	11.06
0.451612903225806			12.51	12.5	12.34	12.22	11.51	10.79
0.483870967741936			12.43	12.41	11.96	11.61	11.49	10.46
0.516129032258065			11.92	11.89	11.79	11.45	11.36	10.35
0.548387096774194			11.63	11.6	11.54	11.03	10.93	10.11
0.580645161290323			11.39	11.37	11.29	10.74	10.64	9.785
0.612903225806452			11.24	11.22	11.15	10.3	10.18	9.328
0.645161290322581			10.96	10.95	10.87	10.26	10.17	9.294
0.67741935483871			10.5	10.48	10.41	9.893	9.803	8.996
0.709677419354839			10.46	10.45	10.38	9.666	9.552	8.609
0.741935483870968			10.08	10.06	9.999	9.523	9.439	8.52
0.774193548387097			9.91	9.891	9.824	9.307	9.217	8.515
0.806451612903226			9.711	9.694	9.631	9.126	9.028	8.062
0.838709677419355			9.327	9.309	9.244	8.845	8.414	8.04
0.870967741935484			7.737	7.72	7.643	7.521	7.415	6.298
0.903225806451613			7.136	7.127	7.087	7.013	6.607	6.024
0.935483870967742			2.888	2.881	2.852	2.793	2.745	2.35
0.967741935483871			1.894	1.89	1.874	1.407	1.214	0.7839
0.1	16.243	16.204	16.067	15.704	15.437	13.972		

Average of yearly averages: 10.20583

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleGrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.28	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.28	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.

app. rate 7 apprate 0.28 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 ApricotAirH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	3.238	3.233	3.214	2.866	2.785	1.816
1962	6.069	6.052	5.981	5.824	5.706	4.552
1963	8.893	8.869	8.77	8.576	8.417	7.086
1964	9.785	9.762	9.665	9.467	9.291	8.258
1965	11.41	11.38	11.26	11.04	10.85	9.684
1966	12.35	12.34	12.27	11.88	11.65	10.54
1967	14.44	14.4	14.25	13.99	13.72	12.24
1968	13.41	13.37	13.24	12.98	12.72	11.78
1969	15.34	15.3	15.14	14.85	14.58	13.17
1970	16.23	16.19	16.01	15.7	15.39	14.1
1971	17.66	17.62	17.48	17.24	16.94	15.41
1972	16.25	16.21	16.05	15.75	15.46	14.22
1973	16.26	16.21	16.03	15.7	15.39	13.97
1974	15.46	15.42	15.27	14.97	14.67	13.38
1975	15.27	15.23	15.08	14.8	14.52	13.13
1976	15.5	15.46	15.3	15.05	14.93	13.88
1977	16.65	16.62	16.48	16.19	15.87	14.38
1978	15.98	15.94	15.78	15.47	15.16	13.77
1979	15.16	15.12	14.96	14.65	14.36	12.9
1980	14.65	14.62	14.48	14.22	13.95	12.47
1981	14.57	14.53	14.38	14.06	13.75	12.2
1982	14.64	14.6	14.45	14.18	13.92	12.88
1983	17.89	17.84	17.65	17.24	16.87	14.58
1984	15.79	15.75	15.56	15.23	14.91	13.44
1985	14.85	14.81	14.66	14.35	14.04	12.64
1986	16.87	16.84	14.12	13.38	13.09	11.89
1987	18.94	18.89	18.73	18.45	18.12	16.56
1988	16.86	16.82	16.66	16.37	16.06	14.51
1989	15.98	15.94	15.77	15.46	15.18	13.66
1990	17.55	17.5	17.27	16.72	16.29	14.32

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		18.94	18.89	18.73	18.45	18.12	16.56
0.0645161290322581		17.89	17.84	17.65	17.24	16.94	15.41
0.0967741935483871		17.66	17.62	17.48	17.24	16.87	14.58
0.129032258064516		17.55	17.5	17.27	16.72	16.29	14.51
0.161290322580645		16.87	16.84	16.66	16.37	16.06	14.38
0.193548387096774		16.86	16.82	16.48	16.19	15.87	14.32
0.225806451612903		16.65	16.62	16.05	15.75	15.46	14.22
0.258064516129032		16.26	16.21	16.03	15.7	15.39	14.1
0.290322580645161		16.25	16.21	16.01	15.7	15.39	13.97
0.32258064516129		16.23	16.19	15.78	15.47	15.18	13.88
0.354838709677419		15.98	15.94	15.77	15.46	15.16	13.77
0.387096774193548		15.98	15.94	15.56	15.23	14.93	13.66
0.419354838709677		15.79	15.75	15.3	15.05	14.91	13.44
0.451612903225806		15.5	15.46	15.27	14.97	14.67	13.38
0.483870967741936		15.46	15.42	15.14	14.85	14.58	13.17
0.516129032258065		15.34	15.3	15.08	14.8	14.52	13.13
0.548387096774194		15.27	15.23	14.96	14.65	14.36	12.9
0.580645161290323		15.16	15.12	14.66	14.35	14.04	12.88
0.612903225806452		14.85	14.81	14.48	14.22	13.95	12.64
0.645161290322581		14.65	14.62	14.45	14.18	13.92	12.47
0.67741935483871		14.64	14.6	14.38	14.06	13.75	12.24
0.709677419354839		14.57	14.53	14.25	13.99	13.72	12.2
0.741935483870968		14.44	14.4	14.12	13.38	13.09	11.89
0.774193548387097		13.41	13.37	13.24	12.98	12.72	11.78
0.806451612903226		12.35	12.34	12.27	11.88	11.65	10.54
0.838709677419355		11.41	11.38	11.26	11.04	10.85	9.684
0.870967741935484		9.785	9.762	9.665	9.467	9.291	8.258
0.903225806451613		8.893	8.869	8.77	8.576	8.417	7.086
0.935483870967742		6.069	6.052	5.981	5.824	5.706	4.552

```
0.967741935483871     3.238   3.233   3.214   2.866   2.785   1.816

0.1     17.649  17.608  17.459  17.188  16.812  14.573
                                        Average of yearly averages:   12.2472

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotAirH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.179   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 ApricotAirL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    2.841   2.831   2.792   2.716   2.656   1.941
1962    5.093   5.079   5.023   4.907   4.826   3.957
1963    8.844   8.823   8.747   8.566   8.423   6.898
1964    9.289   9.271   9.198   9.042   8.919   7.863
1965    12.11   12.09   12.02   11.82   11.67   9.953
1966    11.79   11.76   11.66   11.45   11.29   10.12
1967    14.27   14.24   14.15   13.88   13.71   11.97
1968    13.21   13.19   13.09   12.88   12.71   11.42
1969    16.11   16.07   15.94   15.6    15.33   13.27
1970    15.46   15.44   15.33   15.1    14.92   13.32
1971    16.76   16.73   16.6    16.29   16.05   14.33
1972    15.28   15.25   15.14   14.91   14.74   13.31
1973    14.87   14.84   14.73   14.5    14.3    12.76
1974    13.84   13.82   13.72   13.51   13.34   11.88
1975    13.06   13.04   12.96   12.77   12.61   11.27
1976    12.84   12.82   12.73   12.53   12.37   11.18
1977    12.88   12.86   12.74   12.54   12.38   10.98
1978    13.92   13.9    13.79   13.55   13.33   11.58
1979    12.91   12.88   12.78   12.57   12.4    10.95
1980    12.7    12.67   12.57   12.37   12.21   10.73
1981    12.45   12.42   12.34   12.15   11.98   10.47
1982    13.21   13.18   13.08   12.84   12.64   11.01
1983    13.63   13.6    13.47   13.24   13.12   11.55
1984    12.73   12.71   12.61   12.39   12.21   10.75
1985    12.19   12.17   12.05   11.84   11.67   10.27
1986    12.76   12.73   12.62   12.4    12.23   10.59
1987    13.58   13.55   13.42   13.21   13.06   11.6
1988    14.03   14      13.88   13.61   13.37   11.68
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1989    14.61   14.57   14.43   14.22   14.03   12.2
1990    13.85   13.82   13.65   13.5    13.47   12.11

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       16.76   16.73   16.6    16.29   16.05   14.33
0.0645161290322581      16.11   16.07   15.94   15.6    15.33   13.32
0.0967741935483871      15.46   15.44   15.33   15.1    14.92   13.31
0.129032258064516       15.28   15.25   15.14   14.91   14.74   13.27
0.161290322580645       14.87   14.84   14.73   14.5    14.3    12.76
0.193548387096774       14.61   14.57   14.43   14.22   14.03   12.2
0.225806451612903       14.27   14.24   14.15   13.88   13.71   12.11
0.258064516129032       14.03   14      13.88   13.61   13.47   11.97
0.290322580645161       13.92   13.9    13.79   13.55   13.37   11.88
0.32258064516129        13.85   13.82   13.72   13.51   13.34   11.68
0.354838709677419       13.84   13.82   13.65   13.5    13.33   11.6
0.387096774193548       13.63   13.6    13.47   13.24   13.12   11.58
0.419354838709677       13.58   13.55   13.42   13.21   13.06   11.55
0.451612903225806       13.21   13.19   13.09   12.88   12.71   11.42
0.483870967741936       13.21   13.18   13.08   12.84   12.64   11.27
0.516129032258065       13.06   13.04   12.96   12.77   12.61   11.18
0.548387096774194       12.91   12.88   12.78   12.57   12.4    11.01
0.580645161290323       12.88   12.86   12.74   12.54   12.38   10.98
0.612903225806452       12.84   12.82   12.73   12.53   12.37   10.95
0.645161290322581       12.76   12.73   12.62   12.4    12.23   10.75
0.67741935483871        12.73   12.71   12.61   12.39   12.21   10.73
0.709677419354839       12.7    12.67   12.57   12.37   12.21   10.59
0.741935483870968       12.45   12.42   12.34   12.15   11.98   10.47
0.774193548387097       12.19   12.17   12.05   11.84   11.67   10.27
0.806451612903226       12.11   12.09   12.02   11.82   11.67   10.12
0.838709677419355       11.79   11.76   11.66   11.45   11.29   9.953
0.870967741935484       9.289   9.271   9.198   9.042   8.919   7.863
0.903225806451613       8.844   8.823   8.747   8.566   8.423   6.898
0.935483870967742       5.093   5.079   5.023   4.907   4.826   3.957
0.967741935483871       2.841   2.831   2.792   2.716   2.656   1.941

0.1     15.442  15.421  15.311  15.081  14.902  13.306
                                        Average of yearly averages:   10.7304

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotAirL
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.168   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-2    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.168   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.168   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.168   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.168   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.168   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.168   kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0. 054  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 ApricotGrdH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.506   1.503   1.488   1.033   0.8431  0.4451
1962    2.046   2.041   2.02    1.978   1.938   1.677
1963    3.682   3.673   3.636   3.569   3.505   3.093
1964    4.372   4.365   4.336   4.28    3.886   3.379
1965    4.72    4.682   4.614   4.462   4.394   4.186
1966    6.798   6.786   6.736   5.187   4.793   4.601
1967    6.806   6.791   6.749   6.632   6.534   6.071
1968    7.139   7.13    7.071   6.972   6.231   5.403
1969    7.334   7.317   7.274   7.147   7.057   6.597
1970    9.677   9.662   9.373   7.912   7.818   7.439
1971    9.6     9.587   9.535   9.426   9.343   8.675
1972    7.937   7.928   7.892   7.749   7.688   7.358
1973    7.846   7.826   7.781   7.655   7.597   7.061
1974    7.006   6.991   6.949   6.826   6.73    6.438
1975    6.776   6.762   6.72    6.603   6.505   6.105
1976    8.424   8.404   8.323   8.187   8.117   6.72
1977    7.997   7.983   7.943   7.853   7.792   7.229
1978    7.462   7.444   7.401   7.256   7.135   6.765
1979    6.701   6.685   6.643   6.52    6.426   5.969
1980    6.307   6.294   6.254   6.149   6.058   5.603
1981    6.23    6.215   6.173   6.051   5.957   5.411
1982    7.081   7.073   7.04    6.9     6.634   6.099
1983    9.652   9.625   9.549   9.305   9.103   7.803
1984    7.569   7.549   7.503   7.381   7.325   6.793
1985    6.782   6.767   6.726   6.603   6.523   6.085
1986    11.05   11.02   8.193   5.813   5.558   5.364
1987    11.57   11.55   11.47   11.28   11.15   10.22
1988    8.887   8.87    8.826   8.752   8.689   8.017
1989    8.032   8.014   7.937   7.748   7.627   7.114
1990    9.796   9.77    9.635   9.316   9.071   7.75

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       11.57   11.55   11.47   11.28   11.15   10.22
0.0645161290322581      11.05   11.02   9.635   9.426   9.343   8.675
0.0967741935483871      9.796   9.77    9.549   9.316   9.103   8.017
0.129032258064516       9.677   9.662   9.535   9.305   9.071   7.803
0.161290322580645       9.652   9.625   9.373   8.752   8.689   7.75
0.193548387096774       9.6     9.587   8.826   8.187   8.117   7.439
0.225806451612903       8.887   8.87    8.323   7.912   7.818   7.358
0.258064516129032       8.424   8.404   8.193   7.853   7.792   7.229
0.290322580645161       8.032   8.014   7.943   7.749   7.688   7.114
0.32258064516129        7.997   7.983   7.937   7.748   7.627   7.061
0.354838709677419       7.937   7.928   7.892   7.655   7.597   6.793
0.387096774193548       7.846   7.826   7.781   7.381   7.325   6.765
0.419354838709677       7.569   7.549   7.503   7.256   7.135   6.72
0.451612903225806       7.462   7.444   7.401   7.147   7.057   6.597
0.483870967741936       7.334   7.317   7.274   6.972   6.73    6.438
0.516129032258065       7.139   7.13    7.071   6.9     6.634   6.105
0.548387096774194       7.081   7.073   7.04    6.826   6.534   6.099
0.580645161290323       7.006   6.991   6.949   6.632   6.523   6.085
0.612903225806452       6.806   6.791   6.749   6.603   6.505   6.071
0.645161290322581       6.798   6.786   6.736   6.603   6.426   5.969
0.67741935483871        6.782   6.767   6.726   6.52    6.231   5.603
0.709677419354839       6.776   6.762   6.72    6.149   6.058   5.411
0.741935483870968       6.701   6.685   6.643   6.051   5.957   5.403
0.774193548387097       6.307   6.294   6.254   5.813   5.558   5.364
0.806451612903226       6.23    6.215   6.173   5.187   4.793   4.601
0.838709677419355       4.72    4.682   4.614   4.462   4.394   4.186
0.870967741935484       4.372   4.365   4.336   4.28    3.886   3.379
0.903225806451613       3.682   3.673   3.636   3.569   3.505   3.093
0.935483870967742       2.046   2.041   2.02    1.978   1.938   1.677
0.967741935483871       1.506   1.503   1.488   1.033   0.8431  0.4451

0.1     9.7841  9.7592  9.5476  9.3149  9.0998  7.9956
                                        Average of yearly averages:   6.04900333333333
```

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotGrdH
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.526	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	20-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.526	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.179	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 ApricotGrdL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.7079	0.7067	0.7019	0.5772	0.5336	0.4118
1962	1.257	1.254	1.242	1.214	1.196	1.006
1963	3.963	3.952	3.915	3.828	3.753	2.925
1964	3.426	3.421	3.397	3.352	3.317	3.055
1965	5.721	5.708	5.674	5.616	5.552	4.602
1966	5.519	5.51	5.476	4.696	4.649	4.339
1967	7.183	7.171	7.121	6.964	6.832	5.98
1968	5.807	5.797	5.759	5.686	5.634	5.235
1969	8.595	8.576	8.498	8.309	8.157	6.923
1970	7.739	7.728	7.691	7.628	7.566	6.848
1971	9.111	9.094	9.024	8.859	8.705	7.79
1972	7.351	7.34	7.303	7.24	7.191	6.661
1973	6.855	6.844	6.806	6.73	6.662	6.046
1974	5.788	5.779	5.744	5.683	5.633	5.124
1975	4.965	4.958	4.931	4.88	4.833	4.406
1976	4.574	4.567	4.538	4.486	4.44	4.16
1977	4.504	4.495	4.459	4.405	4.363	3.946
1978	5.816	5.803	5.758	5.658	5.557	4.736
1979	4.808	4.799	4.764	4.709	4.662	4.187
1980	4.722	4.712	4.677	4.621	4.578	4.033
1981	4.47	4.462	4.437	4.4	4.35	3.846
1982	5.354	5.342	5.301	5.201	5.112	4.388
1983	5.886	5.872	5.81	5.664	5.546	4.886
1984	4.824	4.816	4.784	4.728	4.678	4.223
1985	4.42	4.411	4.375	4.317	4.272	3.844
1986	5.408	5.399	5.068	5.005	4.933	4.229
1987	5.981	5.967	5.929	5.856	5.813	5.284
1988	6.528	6.514	6.455	6.31	6.195	5.309
1989	6.977	6.96	6.919	6.833	6.755	5.832
1990	6.612	6.596	6.516	6.319	6.216	5.703

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	9.111	9.094	9.024	8.859	8.705	7.79
0.0645161290322581	8.595	8.576	8.498	8.309	8.157	6.923
0.0967741935483871	7.739	7.728	7.691	7.628	7.566	6.848
0.129032258064516	7.351	7.34	7.303	7.24	7.191	6.661
0.161290322580645	7.183	7.171	7.121	6.964	6.832	6.046
0.193548387096774	6.977	6.96	6.919	6.833	6.755	5.98
0.225806451612903	6.855	6.844	6.806	6.73	6.662	5.832
0.258064516129032	6.612	6.596	6.516	6.319	6.216	5.703
0.290322580645161	6.528	6.514	6.455	6.31	6.195	5.309
0.32258064516129	5.981	5.967	5.929	5.856	5.813	5.284
0.354838709677419	5.886	5.872	5.81	5.686	5.634	5.235
0.387096774193548	5.816	5.803	5.759	5.683	5.633	5.124
0.419354838709677	5.807	5.797	5.758	5.664	5.557	4.886
0.451612903225806	5.788	5.779	5.744	5.658	5.552	4.736
0.483870967741936	5.721	5.708	5.674	5.616	5.546	4.602
0.516129032258065	5.519	5.51	5.476	5.201	5.112	4.406
0.548387096774194	5.408	5.399	5.301	5.005	4.933	4.388
0.580645161290323	5.354	5.342	5.068	4.88	4.833	4.339
0.612903225806452	4.965	4.958	4.931	4.728	4.678	4.229
0.645161290322581	4.824	4.816	4.784	4.709	4.662	4.223
0.67741935483871	4.808	4.799	4.764	4.696	4.649	4.187
0.709677419354839	4.722	4.712	4.677	4.621	4.578	4.16
0.741935483870968	4.574	4.567	4.538	4.486	4.44	4.033
0.774193548387097	4.504	4.495	4.459	4.405	4.363	3.946
0.806451612903226	4.47	4.462	4.437	4.4	4.35	3.846
0.838709677419355	4.42	4.411	4.375	4.317	4.272	3.844
0.870967741935484	3.963	3.952	3.915	3.828	3.753	3.055
0.903225806451613	3.426	3.421	3.397	3.352	3.317	2.925
0.935483870967742	1.257	1.254	1.242	1.214	1.196	1.006
0.967741935483871	0.7079	0.7067	0.7019	0.5772	0.5336	0.4118

0.1	7.7002	7.6892	7.6522	7.5892	7.5285	6.8293

Average of yearly averages: 4.66526

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotGrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	20-2	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.168	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.168	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.168	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0. 054	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 CanistelAir.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	7.331	7.318	7.264	5.928	5.396	3.031
1962	11.39	11.35	11.18	10.92	10.75	9.164
1963	16.16	16.1	15.88	15.6	15.41	13.83
1964	19.15	19.12	19.02	18.84	17.95	16.24
1965	21.2	21.13	20.85	20.64	20.43	19.3
1966	24.35	24.32	24.19	21.46	21.27	20.4
1967	26.25	26.16	25.96	25.77	25.58	23.94
1968	26.27	26.24	26.15	26	24.62	22.99
1969	27.66	27.57	27.35	27.16	26.97	25.67
1970	30.26	30.23	29.74	28.06	27.93	26.95
1971	31.43	31.32	31.1	30.97	30.81	29.24
1972	29.93	29.9	29.77	28.94	28.51	27.84
1973	29.84	29.74	29.54	29.41	29.32	28.1
1974	27.98	27.89	27.68	27.53	27.38	26.33
1975	27.33	27.25	27.01	26.82	26.65	25.38
1976	30.61	30.55	30.29	29.84	29.59	26.68
1977	30.01	29.98	29.35	29.26	29.14	27.91
1978	30.63	30.52	30.31	30.19	30.08	28.94
1979	28.36	28.26	28.06	27.92	27.8	26.44
1980	26.98	26.88	26.69	26.51	26.31	24.88
1981	26.09	25.99	25.79	25.68	25.57	24.07
1982	26.21	26.19	26.09	25.88	25.51	24.71
1983	28.28	28.19	27.96	27.8	27.64	26.02
1984	26	25.89	25.67	25.53	25.38	24.17
1985	24.73	24.63	24.43	24.29	24.15	23.03
1986	32.87	32.81	27.21	22.91	22.74	21.9
1987	33.84	33.79	33.6	33.14	32.8	31.42
1988	29.85	29.73	29.52	29.37	29.22	27.65
1989	28.25	28.15	27.95	27.81	27.66	26.45
1990	30.37	30.26	30.06	29.94	29.61	27.18

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			33.84	33.79	33.6	33.14	32.8	31.42
0.0645161290322581			32.87	32.81	31.1	30.97	30.81	29.24
0.0967741935483871			31.43	31.32	30.31	30.19	30.08	28.94
0.129032258064516			30.63	30.55	30.29	29.94	29.61	28.1
0.161290322580645			30.61	30.52	30.06	29.84	29.59	27.91
0.193548387096774			30.37	30.26	29.77	29.41	29.32	27.84
0.225806451612903			30.26	30.23	29.74	29.37	29.22	27.65
0.258064516129032			30.01	29.98	29.54	29.26	29.14	27.18
0.290322580645161			29.93	29.9	29.52	28.94	28.51	26.95
0.32258064516129			29.85	29.74	29.35	28.06	27.93	26.68
0.354838709677419			29.84	29.73	28.06	27.92	27.8	26.45
0.387096774193548			28.36	28.26	27.96	27.81	27.66	26.44
0.419354838709677			28.28	28.19	27.95	27.8	27.64	26.33
0.451612903225806			28.25	28.15	27.68	27.53	27.38	26.02
0.483870967741936			27.98	27.89	27.35	27.16	26.97	25.67
0.516129032258065			27.66	27.57	27.21	26.82	26.65	25.38
0.548387096774194			27.33	27.25	27.01	26.51	26.31	24.88
0.580645161290323			26.98	26.88	26.69	26	25.58	24.71
0.612903225806452			26.27	26.24	26.15	25.88	25.57	24.17
0.645161290322581			26.25	26.19	26.09	25.77	25.51	24.07
0.67741935483871			26.21	26.16	25.96	25.68	25.38	23.94
0.709677419354839			26.09	25.99	25.79	25.53	24.62	23.03
0.741935483870968			26	25.89	25.67	24.29	24.15	22.99
0.774193548387097			24.73	24.63	24.43	22.91	22.74	21.9
0.806451612903226			24.35	24.32	24.19	21.46	21.27	20.4
0.838709677419355			21.2	21.13	20.85	20.64	20.43	19.3
0.870967741935484			19.15	19.12	19.02	18.84	17.95	16.24
0.903225806451613			16.16	16.1	15.88	15.6	15.41	13.83
0.935483870967742			11.39	11.35	11.18	10.92	10.75	9.164
0.967741935483871			7.331	7.318	7.264	5.928	5.396	3.031
0.1	31.35	31.243	30.308	30.165	30.033	28.856		

Average of yearly averages: 23.6618333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

```
Output File: CanistelAir
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142    mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     251     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 canispelgrd.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.274   3.266   3.233   2.173   1.731   0.8317
1962    4.138   4.128   4.075   3.989   3.92    3.504
1963    7.045   7.028   6.965   6.86    6.777   6.123
1964    9.123   9.108   9.045   8.922   8.02    6.8
1965    9.348   9.282   9.169   9.011   8.924   8.588
1966    13.14   13.11   13.02   10.1    9.36    9.027
1967    14.34   14.31   14.25   14.17   14.01   12.65
1968    14.73   14.72   14.6    14.41   12.95   11.41
1969    14.81   14.79   14.76   14.64   14.54   13.51
1970    18.49   18.46   17.95   15.65   15.51   14.64
1971    18.98   18.94   18.8    18.68   18.51   17.19
1972    16.01   16      15.95   15.83   15.71   14.89
1973    15.48   15.46   15.4    15.26   15.15   14
1974    13.46   13.44   13.39   13.27   13.18   12.54
1975    12.64   12.61   12.54   12.44   12.35   11.67
1976    15.59   15.56   15.41   15.16   15.03   12.63
1977    15.22   15.2    14.68   14.54   14.43   13.42
1978    15.29   15.27   15.19   15.09   14.95   14.13
1979    13.43   13.42   13.37   13.28   13.19   12.2
1980    12.26   12.23   12.16   12.06   11.97   11.17
1981    12.06   12.03   11.96   11.86   11.75   10.75
1982    12.89   12.87   12.82   12.59   12.15   11.33
1983    14.44   14.41   14.36   14.23   13.99   12.81
1984    12.49   12.47   12.43   12.32   12.22   11.37
1985    11.32   11.31   11.27   11.17   11.08   10.36
1986    20.64   20.59   15.03   10.36   9.576   9.282
1987    21.67   21.63   21.47   21.1    20.85   18.95
```

1988	16.86	16.83	16.77	16.69	16.5	15.32
1989	15.16	15.13	15.08	14.85	14.69	13.93
1990	19.05	19	18.76	18.15	17.67	15.33

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		21.67	21.63	21.47	21.1	20.85	18.95
0.0645161290322581		20.64	20.59	18.8	18.68	18.51	17.19
0.0967741935483871		19.05	19	18.76	18.15	17.67	15.33
0.129032258064516		18.98	18.94	17.95	16.69	16.5	15.32
0.161290322580645		18.49	18.46	16.77	15.83	15.71	14.89
0.193548387096774		16.86	16.83	15.95	15.65	15.51	14.64
0.225806451612903		16.01	16	15.41	15.26	15.15	14.13
0.258064516129032		15.59	15.56	15.4	15.16	15.03	14
0.290322580645161		15.48	15.46	15.19	15.09	14.95	13.93
0.32258064516129		15.29	15.27	15.08	14.85	14.69	13.51
0.354838709677419		15.22	15.2	15.03	14.64	14.54	13.42
0.387096774193548		15.16	15.13	14.76	14.54	14.43	12.81
0.419354838709677		14.81	14.79	14.68	14.41	14.01	12.65
0.451612903225806		14.73	14.72	14.6	14.23	13.99	12.63
0.483870967741936		14.44	14.41	14.36	14.17	13.19	12.54
0.516129032258065		14.34	14.31	14.25	13.28	13.18	12.2
0.548387096774194		13.46	13.44	13.39	13.27	12.95	11.67
0.580645161290323		13.43	13.42	13.37	12.59	12.35	11.41
0.612903225806452		13.14	13.11	13.02	12.44	12.22	11.37
0.645161290322581		12.89	12.87	12.82	12.32	12.15	11.33
0.67741935483871		12.64	12.61	12.54	12.06	11.97	11.17
0.709677419354839		12.49	12.47	12.43	11.86	11.75	10.75
0.741935483870968		12.26	12.23	12.16	11.17	11.08	10.36
0.774193548387097		12.06	12.03	11.96	10.36	9.576	9.282
0.806451612903226		11.32	11.31	11.27	10.1	9.36	9.027
0.838709677419355		9.348	9.282	9.169	9.011	8.924	8.588
0.870967741935484		9.123	9.108	9.045	8.922	8.02	6.8
0.903225806451613		7.045	7.028	6.965	6.86	6.777	6.123
0.935483870967742		4.138	4.128	4.075	3.989	3.92	3.504
0.967741935483871		3.274	3.266	3.233	2.173	1.731	0.8317
0.1	19.043	18.994	18.679	18.004	17.553	15.329	

Average of yearly averages: 11.6785233333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: canispelgrd
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	2.39	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.28	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.28	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.28	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 CherrytAirH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.611   3.605   3.585   3.431   3.336   2.209
1962    7.032   7.011   6.929   6.748   6.597   5.268
1963    10.51   10.49   10.39   10.14   9.943   8.323
1964    11.35   11.32   11.22   10.97   10.77   9.529
1965    13.3    13.27   13.14   12.84   12.64   11.21
1966    14.28   14.25   14.1    13.75   13.51   12.15
1967    19.83   19.8    19.61   19.16   18.81   15.94
1968    17.67   17.64   17.48   17.11   16.81   15.57
1969    19.57   19.54   19.36   18.95   18.64   16.83
1970    20.33   20.3    20.11   19.67   19.32   17.64
1971    23.65   23.61   23.41   23.01   22.64   20
1972    21.04   21      20.81   20.39   20.04   18.39
1973    20.49   20.45   20.26   19.8    19.43   17.61
1974    19.23   19.19   19.02   18.61   18.28   16.61
1975    18.67   18.64   18.49   18.1    17.8    16.06
1976    18.7    18.67   18.51   18.11   17.81   16.64
1977    19.8    19.76   19.59   19.22   18.87   17.02
1978    19.24   19.2    19.02   18.58   18.25   16.35
1979    17.69   17.66   17.49   17.09   16.77   14.98
1980    17.2    17.17   17.02   16.66   16.39   14.58
1981    17.37   17.33   17.16   16.75   16.41   14.43
1982    16.65   16.62   16.47   16.11   15.85   14.49
1983    20.42   20.37   20.14   19.61   19.18   16.47
1984    18.09   18.06   17.87   17.43   17.1    15.29
1985    17.2    17.16   16.99   16.61   16.27   14.54
1986    19.47   19.44   16.31   15.59   15.29   13.8
1987    22      21.95   21.72   21.5    21.17   19.25
1988    21.27   21.23   21.04   20.61   20.24   17.79
1989    19.25   19.21   19.01   18.76   18.46   16.61
1990    20.36   20.31   20.05   19.42   19.13   16.98

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       23.65   23.61   23.41   23.01   22.64   20
0.0645161290322581      22      21.95   21.72   21.5    21.17   19.25
0.0967741935483871      21.27   21.23   21.04   20.61   20.24   18.39
0.129032258064516       21.04   21      20.81   20.39   20.04   17.79
0.161290322580645       20.49   20.45   20.26   19.8    19.43   17.64
0.193548387096774       20.42   20.37   20.14   19.67   19.32   17.61
0.225806451612903       20.36   20.31   20.11   19.61   19.18   17.02
0.258064516129032       20.33   20.3    20.05   19.42   19.13   16.98
0.290322580645161       19.83   19.8    19.61   19.22   18.87   16.83
0.32258064516129        19.8    19.76   19.59   19.16   18.81   16.64
0.354838709677419       19.57   19.54   19.36   18.95   18.64   16.61
0.387096774193548       19.47   19.44   19.02   18.76   18.46   16.61
0.419354838709677       19.25   19.21   19.02   18.61   18.28   16.47
0.451612903225806       19.24   19.2    19.01   18.58   18.25   16.35
0.483870967741936       19.23   19.19   18.51   18.11   17.81   16.06
0.516129032258065       18.7    18.67   18.49   18.1    17.8    15.94
0.548387096774194       18.67   18.64   17.87   17.43   17.1    15.57
0.580645161290323       18.09   18.06   17.49   17.11   16.81   15.29
0.612903225806452       17.69   17.66   17.48   17.09   16.77   14.98
0.645161290322581       17.67   17.64   17.16   16.75   16.41   14.58
0.67741935483871        17.37   17.33   17.02   16.66   16.39   14.54
0.709677419354839       17.2    17.17   16.99   16.61   16.27   14.49
0.741935483870968       17.2    17.16   16.47   16.11   15.85   14.43
0.774193548387097       16.65   16.62   16.31   15.59   15.29   13.8
0.806451612903226       14.28   14.25   14.1    13.75   13.51   12.15
0.838709677419355       13.3    13.27   13.14   12.84   12.64   11.21
0.870967741935484       11.35   11.32   11.22   10.97   10.77   9.529
0.903225806451613       10.51   10.49   10.39   10.14   9.943   8.323
0.935483870967742       7.032   7.011   6.929   6.748   6.597   5.268
0.967741935483871       3.611   3.605   3.585   3.431   3.336   2.209
```

```
0.1     21.247  21.207  21.017  20.588  20.22   18.33
                                        Average of yearly averages:   14.7519666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CherrytAirH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.414   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 Cherry AirL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    4.302   4.294   4.266   3.573   3.299   2.106
1962    7.41    7.384   7.279   7.09    6.949   5.724
1963    10.67   10.64   10.51   10.3    10.13   8.78
1964    11.84   11.83   11.76   11.66   11.2    10.3
1965    13.97   13.94   13.81   13.56   13.35   12.22
1966    15.37   15.35   15.27   14.25   14.04   13.03
1967    18.11   18.06   17.92   17.62   17.36   15.61
1968    16.85   16.83   16.77   16.68   15.81   15.03
1969    18.76   18.71   18.57   18.28   18.04   16.67
1970    19.51   19.49   19.29   18.98   18.72   17.52
1971    21.78   21.72   21.57   21.2    20.92   19.23
1972    19.82   19.78   19.64   19.31   19.06   17.93
1973    19.55   19.49   19.34   19.02   18.78   17.43
1974    18.49   18.43   18.29   17.97   17.72   16.51
1975    18.1    18.04   17.9    17.6    17.37   16.04
1976    18.7    18.67   18.52   18.24   18.1    16.83
1977    19.54   19.47   19.32   18.97   18.7    17.34
1978    19.82   19.76   19.61   19.29   19.04   17.72
1979    18.54   18.48   18.33   18.01   17.77   16.36
1980    17.77   17.72   17.58   17.28   17.02   15.58
1981    17.53   17.47   17.32   16.98   16.72   15.19
1982    17.23   17.19   17.05   16.77   16.53   15.59
1983    18.99   18.93   18.79   18.47   18.23   16.53
1984    17.53   17.48   17.33   17.03   16.77   15.42
1985    16.74   16.68   16.54   16.2    15.94   14.66
1986    20.63   20.59   17.08   15.22   14.98   13.92
1987    22.37   22.3    22.14   21.79   21.5    20.05
1988    20.22   20.16   20.01   19.68   19.41   17.78
1989    19.13   19.07   18.92   18.6    18.32   16.94
```

1990 21.43 21.36 21.21 20.61 20.1 17.79

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			22.37	22.3	22.14	21.79	21.5	20.05
0.0645161290322581			21.78	21.72	21.57	21.2	20.92	19.23
0.0967741935483871			21.43	21.36	21.21	20.61	20.1	17.93
0.129032258064516			20.63	20.59	20.01	19.68	19.41	17.79
0.161290322580645			20.22	20.16	19.64	19.31	19.06	17.78
0.193548387096774			19.82	19.78	19.61	19.29	19.04	17.72
0.225806451612903			19.82	19.76	19.34	19.02	18.78	17.52
0.258064516129032			19.55	19.49	19.32	18.98	18.72	17.43
0.290322580645161			19.54	19.49	19.29	18.97	18.7	17.34
0.32258064516129			19.51	19.47	18.92	18.6	18.32	16.94
0.354838709677419			19.13	19.07	18.79	18.47	18.23	16.83
0.387096774193548			18.99	18.93	18.57	18.28	18.1	16.67
0.419354838709677			18.76	18.71	18.52	18.24	18.04	16.53
0.451612903225806			18.7	18.67	18.33	18.01	17.77	16.51
0.483870967741936			18.54	18.48	18.29	17.97	17.72	16.36
0.516129032258065			18.49	18.43	17.92	17.62	17.37	16.04
0.548387096774194			18.11	18.06	17.9	17.6	17.36	15.61
0.580645161290323			18.1	18.04	17.58	17.28	17.02	15.59
0.612903225806452			17.77	17.72	17.33	17.03	16.77	15.58
0.645161290322581			17.53	17.48	17.32	16.98	16.72	15.42
0.67741935483871			17.53	17.47	17.08	16.77	16.53	15.19
0.709677419354839			17.23	17.19	17.05	16.68	15.94	15.03
0.741935483870968			16.85	16.83	16.77	16.2	15.81	14.66
0.774193548387097			16.74	16.68	16.54	15.22	14.98	13.92
0.806451612903226			15.37	15.35	15.27	14.25	14.04	13.03
0.838709677419355			13.97	13.94	13.81	13.56	13.35	12.22
0.870967741935484			11.84	11.83	11.76	11.66	11.2	10.3
0.903225806451613			10.67	10.64	10.51	10.3	10.13	8.78
0.935483870967742			7.41	7.384	7.279	7.09	6.949	5.724
0.967741935483871			4.302	4.294	4.266	3.573	3.299	2.106
0.1	21.35	21.283	21.09	20.517	20.031	17.916		

Average of yearly averages: 15.061

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Cherry AirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.168	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.168	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.168	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.168	kg/ha	
Interval 8	interval	7	days	Set to 0 or delete line for single app.
app. rate 8	apprate	0.123	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 CherrytGrdH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.551   1.547   1.533   1.095   0.9128  0.5217
1962    2.218   2.213   2.19    2.137   2.097   1.795
1963    4.3     4.291   4.25    4.153   4.086   3.525
1964    4.746   4.738   4.707   4.647   4.221   3.674
1965    5.134   5.125   5.082   4.989   4.914   4.616
1966    7.584   7.57    7.514   5.74    5.287   5.044
1967    10.84   10.82   10.73   10.5    10.29   8.628
1968    9.844   9.833   9.761   9.652   8.78    8.017
1969    10.07   10.05   9.972   9.823   9.727   9.038
1970    12.09   12.07   11.74   10.38   10.3    9.724
1971    14.01   13.98   13.89   13.69   13.46   12.04
1972    11.14   11.12   11.04   10.96   10.87   10.27
1973    10.49   10.47   10.38   10.23   10.15   9.4
1974    9.162   9.148   9.075   8.935   8.825   8.354
1975    8.557   8.546   8.483   8.346   8.234   7.683
1976    9.852   9.829   9.737   9.581   9.5     8.107
1977    9.452   9.434   9.362   9.24    9.138   8.485
1978    9.079   9.065   8.985   8.782   8.635   7.985
1979    7.569   7.556   7.491   7.359   7.25    6.689
1980    7.227   7.214   7.155   7.039   6.944   6.371
1981    7.407   7.393   7.324   7.179   7.046   6.327
1982    7.216   7.207   7.177   7.048   6.803   6.36
1983    10.61   10.58   10.46   10.17   9.944   8.346
1984    8.229   8.216   8.14    7.992   7.882   7.322
1985    7.538   7.523   7.455   7.328   7.22    6.702
1986    12.56   12.53   9.272   6.528   6.255   5.99
1987    13.17   13.14   13.05   12.83   12.68   11.66
1988    11.81   11.79   11.7    11.49   11.28   10.07
1989    9.897   9.874   9.781   9.575   9.454   8.809
1990    11.19   11.16   11.01   10.66   10.39   9.146

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       14.01   13.98   13.89   13.69   13.46   12.04
0.0645161290322581      13.17   13.14   13.05   12.83   12.68   11.66
0.0967741935483871      12.56   12.53   11.74   11.49   11.28   10.27
0.129032258064516       12.09   12.07   11.7    10.96   10.87   10.07
0.161290322580645       11.81   11.79   11.04   10.66   10.39   9.724
0.193548387096774       11.19   11.16   11.01   10.5    10.3    9.4
0.225806451612903       11.14   11.12   10.73   10.38   10.29   9.146
0.258064516129032       10.84   10.82   10.46   10.23   10.15   9.038
0.290322580645161       10.61   10.58   10.38   10.17   9.944   8.809
0.32258064516129        10.49   10.47   9.972   9.823   9.727   8.628
0.354838709677419       10.07   10.05   9.781   9.652   9.5     8.485
0.387096774193548       9.897   9.874   9.761   9.581   9.454   8.354
0.419354838709677       9.852   9.833   9.737   9.575   9.138   8.346
0.451612903225806       9.844   9.829   9.362   9.24    8.825   8.107
0.483870967741936       9.452   9.434   9.272   8.935   8.78    8.017
0.516129032258065       9.162   9.148   9.075   8.782   8.635   7.985
0.548387096774194       9.079   9.065   8.985   8.346   8.234   7.683
0.580645161290323       8.557   8.546   8.483   7.992   7.882   7.322
0.612903225806452       8.229   8.216   8.14    7.359   7.25    6.702
0.645161290322581       7.584   7.57    7.514   7.328   7.22    6.689
0.67741935483871        7.569   7.556   7.491   7.179   7.046   6.371
0.709677419354839       7.538   7.523   7.455   7.048   6.944   6.36
0.741935483870968       7.407   7.393   7.324   7.039   6.803   6.327
0.774193548387097       7.227   7.214   7.177   6.528   6.255   5.99
0.806451612903226       7.216   7.207   7.155   5.74    5.287   5.044
0.838709677419355       5.134   5.125   5.082   4.989   4.914   4.616
0.870967741935484       4.746   4.738   4.707   4.647   4.221   3.674
0.903225806451613       4.3     4.291   4.25    4.153   4.086   3.525
0.935483870967742       2.218   2.213   2.19    2.137   2.097   1.795
0.967741935483871       1.551   1.547   1.533   1.095   0.9128  0.5217
```

0.1 12.513 12.484 11.736 11.437 11.239 10.25
Average of yearly averages: 7.35662333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CherrytGrdH
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.526	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.526	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.414	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 Cherry GrdL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	1.321	1.319	1.307	0.9667	0.8262	0.5174
1962	1.958	1.953	1.934	1.896	1.865	1.608
1963	4.997	4.984	4.953	4.877	4.816	3.951
1964	4.755	4.749	4.722	4.672	4.378	4.153
1965	6.048	6.034	6.003	5.938	5.877	5.287
1966	7.546	7.533	7.48	5.853	5.541	5.311
1967	9.589	9.573	9.542	9.385	9.214	8.013
1968	8.247	8.239	8.187	8.123	7.541	7.201
1969	9.812	9.794	9.765	9.682	9.548	8.51
1970	10.85	10.83	10.53	9.232	9.177	8.658
1971	12.27	12.24	12.22	12.08	11.89	10.71
1972	9.858	9.843	9.816	9.753	9.703	9.172
1973	9.38	9.365	9.336	9.27	9.205	8.481
1974	8.13	8.113	8.084	8.018	7.959	7.437
1975	7.402	7.386	7.352	7.282	7.221	6.695
1976	8.027	8.009	7.938	7.815	7.751	6.91
1977	7.761	7.748	7.717	7.665	7.615	7.024
1978	8.24	8.224	8.19	8.063	7.963	7.18
1979	6.954	6.938	6.907	6.842	6.786	6.218
1980	6.459	6.446	6.415	6.353	6.301	5.761
1981	6.558	6.542	6.511	6.424	6.353	5.681
1982	6.922	6.905	6.875	6.81	6.74	6.232
1983	9.069	9.044	8.988	8.761	8.574	7.402
1984	7.214	7.195	7.168	7.095	7.035	6.484
1985	6.637	6.623	6.591	6.533	6.48	5.961
1986	10.57	10.55	8.052	6.101	6.047	5.619
1987	11.03	11.01	10.93	10.76	10.7	9.932
1988	10.63	10.61	10.58	10.41	10.23	9.004
1989	9.933	9.909	9.812	9.639	9.578	8.647
1990	10.57	10.54	10.41	10.08	9.821	8.777

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		12.27	12.24	12.22	12.08	11.89	10.71
0.0645161290322581		11.03	11.01	10.93	10.76	10.7	9.932
0.0967741935483871		10.85	10.83	10.58	10.41	10.23	9.172
0.129032258064516		10.63	10.61	10.53	10.08	9.821	9.004
0.161290322580645		10.57	10.55	10.41	9.753	9.703	8.777
0.193548387096774		10.57	10.54	9.816	9.682	9.578	8.658
0.225806451612903		9.933	9.909	9.812	9.639	9.548	8.647
0.258064516129032		9.858	9.843	9.765	9.385	9.214	8.51
0.290322580645161		9.812	9.794	9.542	9.27	9.205	8.481
0.32258064516129		9.589	9.573	9.336	9.232	9.177	8.013
0.354838709677419		9.38	9.365	8.988	8.761	8.574	7.437
0.387096774193548		9.069	9.044	8.19	8.123	7.963	7.402
0.419354838709677		8.247	8.239	8.187	8.063	7.959	7.201
0.451612903225806		8.24	8.224	8.084	8.018	7.751	7.18
0.483870967741936		8.13	8.113	8.052	7.815	7.615	7.024
0.516129032258065		8.027	8.009	7.938	7.665	7.541	6.91
0.548387096774194		7.761	7.748	7.717	7.282	7.221	6.695
0.580645161290323		7.546	7.533	7.48	7.095	7.035	6.484
0.612903225806452		7.402	7.386	7.352	6.842	6.786	6.232
0.645161290322581		7.214	7.195	7.168	6.81	6.74	6.218
0.67741935483871		6.954	6.938	6.907	6.533	6.48	5.961
0.709677419354839		6.922	6.905	6.875	6.424	6.353	5.761
0.741935483870968		6.637	6.623	6.591	6.353	6.301	5.681
0.774193548387097		6.558	6.542	6.511	6.101	6.047	5.619
0.806451612903226		6.459	6.446	6.415	5.938	5.877	5.311
0.838709677419355		6.048	6.034	6.003	5.853	5.541	5.287
0.870967741935484		4.997	4.984	4.953	4.877	4.816	4.153
0.903225806451613		4.755	4.749	4.722	4.672	4.378	3.951
0.935483870967742		1.958	1.953	1.934	1.896	1.865	1.608
0.967741935483871		1.321	1.319	1.307	0.9667	0.8262	0.5174
0.1	10.828	10.808	10.575	10.377	10.1891	9.1552	

Average of yearly averages: 6.75121333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Cherry GrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.168	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.168	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.168	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.168	kg/ha	
Interval 8	interval	7	days	Set to 0 or delete line for single app.
app. rate 8	apprate	0.126	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 tropfrutAir.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    7.331   7.318   7.264   5.928   5.396   3.031
1962    11.39   11.35   11.18   10.92   10.75   9.164
1963    16.16   16.1    15.88   15.6    15.41   13.83
1964    19.15   19.12   19.02   18.84   17.95   16.24
1965    21.2    21.13   20.85   20.64   20.43   19.3
1966    24.35   24.32   24.19   21.46   21.27   20.4
1967    26.25   26.16   25.96   25.77   25.58   23.94
1968    26.27   26.24   26.15   26      24.62   22.99
1969    27.66   27.57   27.35   27.16   26.97   25.67
1970    30.26   30.23   29.74   28.06   27.93   26.95
1971    31.43   31.32   31.1    30.97   30.81   29.24
1972    29.93   29.9    29.77   28.94   28.51   27.84
1973    29.84   29.74   29.54   29.41   29.32   28.1
1974    27.98   27.89   27.68   27.53   27.38   26.33
1975    27.33   27.25   27.01   26.82   26.65   25.38
1976    30.61   30.55   30.29   29.84   29.59   26.68
1977    30.01   29.98   29.35   29.26   29.14   27.91
1978    30.63   30.52   30.31   30.19   30.08   28.94
1979    28.36   28.26   28.06   27.92   27.8    26.44
1980    26.98   26.88   26.69   26.51   26.31   24.88
1981    26.09   25.99   25.79   25.68   25.57   24.07
1982    26.21   26.19   26.09   25.88   25.51   24.71
1983    28.28   28.19   27.96   27.8    27.64   26.02
1984    26      25.89   25.67   25.53   25.38   24.17
1985    24.73   24.63   24.43   24.29   24.15   23.03
1986    32.87   32.81   27.21   22.91   22.74   21.9
1987    33.84   33.79   33.6    33.14   32.8    31.42
1988    29.85   29.73   29.52   29.37   29.22   27.65
1989    28.25   28.15   27.95   27.81   27.66   26.45
1990    30.37   30.26   30.06   29.94   29.61   27.18

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       33.84   33.79   33.6    33.14   32.8    31.42
0.0645161290322581      32.87   32.81   31.1    30.97   30.81   29.24
0.0967741935483871      31.43   31.32   30.31   30.19   30.08   28.94
0.129032258064516       30.63   30.55   30.29   29.94   29.61   28.1
0.161290322580645       30.61   30.52   30.06   29.84   29.59   27.91
0.193548387096774       30.37   30.26   29.77   29.41   29.32   27.84
0.225806451612903       30.26   30.23   29.74   29.37   29.22   27.65
0.258064516129032       30.01   29.98   29.54   29.26   29.14   27.18
0.290322580645161       29.93   29.9    29.52   28.94   28.51   26.95
0.32258064516129        29.85   29.74   29.35   28.06   27.93   26.68
0.354838709677419       29.84   29.73   28.06   27.92   27.8    26.45
0.387096774193548       28.36   28.26   27.96   27.81   27.66   26.44
0.419354838709677       28.28   28.19   27.95   27.8    27.64   26.33
0.451612903225806       28.25   28.15   27.68   27.53   27.38   26.02
0.483870967741936       27.98   27.89   27.35   27.16   26.97   25.67
0.516129032258065       27.66   27.57   27.21   26.82   26.65   25.38
0.548387096774194       27.33   27.25   27.01   26.51   26.31   24.88
0.580645161290323       26.98   26.88   26.69   26      25.58   24.71
0.612903225806452       26.27   26.24   26.15   25.88   25.57   24.17
0.645161290322581       26.25   26.19   26.09   25.77   25.51   24.07
0.67741935483871        26.21   26.16   25.96   25.68   25.38   23.94
0.709677419354839       26.09   25.99   25.79   25.53   24.62   23.03
0.741935483870968       26      25.89   25.67   24.29   24.15   22.99
0.774193548387097       24.73   24.63   24.43   22.91   22.74   21.9
0.806451612903226       24.35   24.32   24.19   21.46   21.27   20.4
0.838709677419355       21.2    21.13   20.85   20.64   20.43   19.3
0.870967741935484       19.15   19.12   19.02   18.84   17.95   16.24
0.903225806451613       16.16   16.1    15.88   15.6    15.41   13.83
0.935483870967742       11.39   11.35   11.18   10.92   10.75   9.164
0.967741935483871       7.331   7.318   7.264   5.928   5.396   3.031

0.1     31.35   31.243  30.308  30.165  30.033  28.856
```

```
                                        Average of yearly averages:   23.6618333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: tropfrutAir
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142     mg/L
Kd     Kd      2.39    mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval       14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval       14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval       14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval       14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval       14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval       14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval       14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 tropfrutGrd.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    4.113   4.102   4.059   2.647   2.057   0.8507
1962    4.617   4.601   4.551   4.508   4.475   4.195
1963    7.395   7.385   7.349   7.214   7.196   6.757
1964    10.18   10.17   10.1    9.957   8.942   7.515
1965    10.14   10.07   9.963   9.835   9.752   9.43
1966    13.93   13.9    13.81   10.8    10.04   9.674
1967    13.9    13.88   13.82   13.74   13.63   12.77
1968    15.08   15.06   14.93   14.73   13.19   11.43
1969    15.16   15.14   15.11   14.98   14.88   13.75
1970    18.72   18.7    18.18   15.92   15.78   14.83
1971    18.58   18.56   18.46   18.25   18.1    16.98
1972    17.81   17.79   17.7    16.86   16.1    15.38
1973    17.39   17.37   17.3    17.13   16.99   15.55
1974    14.84   14.82   14.77   14.64   14.53   13.69
1975    13.65   13.64   13.61   13.5    13.41   12.56
1976    17.44   17.39   17.22   16.94   16.79   13.62
1977    17.8    17.77   16.39   16.24   16.11   14.88
1978    17.91   17.88   17.78   17.66   17.5    16.28
1979    15.43   15.42   15.36   15.26   15.16   13.87
1980    13.7    13.68   13.62   13.5    13.4    12.39
1981    13.23   13.21   13.14   12.97   12.88   11.73
```

1982	14.19	14.18	14.11	13.85	13.35	12.34
1983	14.74	14.71	14.65	14.5	14.35	13.59
1984	13.25	13.24	13.19	13.07	12.97	11.99
1985	12.13	12.12	12.07	11.97	11.87	11.02
1986	21.9	21.85	16.01	11.09	10.28	9.933
1987	22.99	22.94	22.77	22.39	22.12	19.84
1988	17.15	17.14	17.09	16.97	16.85	15.81
1989	15.8	15.78	15.73	15.61	15.49	14.52
1990	17.46	17.41	17.28	16.94	16.6	15.19

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129			22.99	22.94	22.77	22.39	22.12	19.84
0.0645161290322581			21.9	21.85	18.46	18.25	18.1	16.98
0.0967741935483871			18.72	18.7	18.18	17.66	17.5	16.28
0.129032258064516			18.58	18.56	17.78	17.13	16.99	15.81
0.161290322580645			17.91	17.88	17.7	16.97	16.85	15.55
0.193548387096774			17.81	17.79	17.3	16.94	16.79	15.38
0.225806451612903			17.8	17.77	17.28	16.94	16.6	15.19
0.258064516129032			17.46	17.41	17.22	16.86	16.11	14.88
0.290322580645161			17.44	17.39	17.09	16.24	16.1	14.83
0.32258064516129			17.39	17.37	16.39	15.92	15.78	14.52
0.354838709677419			17.15	17.14	16.01	15.61	15.49	13.87
0.387096774193548			15.8	15.78	15.73	15.26	15.16	13.75
0.419354838709677			15.43	15.42	15.36	14.98	14.88	13.69
0.451612903225806			15.16	15.14	15.11	14.73	14.53	13.62
0.483870967741936			15.08	15.06	14.93	14.64	14.35	13.59
0.516129032258065			14.84	14.82	14.77	14.5	13.63	12.77
0.548387096774194			14.74	14.71	14.65	13.85	13.41	12.56
0.580645161290323			14.19	14.18	14.11	13.74	13.4	12.39
0.612903225806452			13.93	13.9	13.82	13.5	13.35	12.34
0.645161290322581			13.9	13.88	13.81	13.5	13.19	11.99
0.67741935483871			13.7	13.68	13.62	13.07	12.97	11.73
0.709677419354839			13.65	13.64	13.61	12.97	12.88	11.43
0.741935483870968			13.25	13.24	13.19	11.97	11.87	11.02
0.774193548387097			13.23	13.21	13.14	11.09	10.28	9.933
0.806451612903226			12.13	12.12	12.07	10.8	10.04	9.674
0.838709677419355			10.18	10.17	10.1	9.957	9.752	9.43
0.870967741935484			10.14	10.07	9.963	9.835	8.942	7.515
0.903225806451613			7.395	7.385	7.349	7.214	7.196	6.757
0.935483870967742			4.617	4.601	4.551	4.508	4.475	4.195
0.967741935483871			4.113	4.102	4.059	2.647	2.057	0.8507
0.1	18.706	18.686	18.14	17.607	17.449	16.233	

Average of yearly averages: 12.4121566666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: tropfrutGrd
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.

```
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 PEACHAirH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.616   3.604   3.552   3.447   3.373   2.387
1962    6.389   6.373   6.306   6.153   6.041   4.86
1963    11.72   11.7    11.59   11.35   11.19   9.018
1964    12.18   12.16   12.07   11.85   11.68   10.2
1965    15.88   15.85   15.72   15.44   15.22   12.86
1966    15.27   15.25   15.12   14.81   14.59   12.98
1967    18.46   18.44   18.31   18.02   17.79   15.46
1968    17.05   17.02   16.96   16.68   16.46   14.67
1969    19.49   19.45   19.28   18.88   18.54   16.05
1970    18.05   18.02   17.9    17.6    17.36   15.56
1971    20.67   20.63   20.47   20.09   19.76   17.58
1972    19.06   19.02   18.88   18.54   18.3    16.42
1973    18.66   18.63   18.51   18.17   17.91   15.84
1974    17.27   17.24   17.14   16.85   16.62   14.67
1975    16.25   16.22   16.12   15.87   15.66   13.87
1976    16.03   16.01   15.9    15.63   15.42   13.84
1977    16.26   16.23   16.11   15.79   15.59   13.7
1978    17.25   17.21   17.08   16.8    16.52   14.29
1979    16.08   16.05   15.93   15.62   15.4    13.48
1980    15.17   15.14   15.03   14.76   14.55   12.75
1981    15.34   15.32   15.2    14.93   14.71   12.69
1982    16.39   16.36   16.23   15.91   15.67   13.5
1983    16.15   16.13   16.01   15.9    15.73   13.73
1984    15.4    15.38   15.26   14.96   14.73   12.83
1985    14.96   14.94   14.82   14.5    14.28   12.43
1986    15.61   15.58   15.44   15.12   14.89   12.81
1987    17.41   17.38   17.23   16.89   16.68   14.73
1988    18.11   18.08   17.92   17.56   17.25   14.95
1989    19.88   19.84   19.65   19.22   18.9    16.12
1990    18.25   18.2    17.99   17.73   17.72   15.91

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       20.67   20.63   20.47   20.09   19.76   17.58
0.0645161290322581      19.88   19.84   19.65   19.22   18.9    16.42
0.0967741935483871      19.49   19.45   19.28   18.88   18.54   16.12
0.129032258064516       19.06   19.02   18.88   18.54   18.3    16.05
0.161290322580645       18.66   18.63   18.51   18.17   17.91   15.91
0.193548387096774       18.46   18.44   18.31   18.02   17.79   15.84
0.225806451612903       18.25   18.2    17.99   17.73   17.72   15.56
0.258064516129032       18.11   18.08   17.92   17.6    17.36   15.46
0.290322580645161       18.05   18.02   17.9    17.56   17.25   14.95
0.32258064516129        17.41   17.38   17.23   16.89   16.68   14.73
0.354838709677419       17.27   17.24   17.14   16.85   16.62   14.67
0.387096774193548       17.25   17.21   17.08   16.8    16.52   14.67
0.419354838709677       17.05   17.02   16.96   16.68   16.46   14.29
0.451612903225806       16.39   16.36   16.23   15.91   15.73   13.87
0.483870967741936       16.26   16.23   16.12   15.9    15.67   13.84
0.516129032258065       16.25   16.22   16.11   15.87   15.66   13.73
0.548387096774194       16.15   16.13   16.01   15.79   15.59   13.7
0.580645161290323       16.08   16.05   15.93   15.63   15.42   13.5
0.612903225806452       16.03   16.01   15.9    15.62   15.4    13.48
0.645161290322581       15.88   15.85   15.72   15.44   15.22   12.98
0.67741935483871        15.61   15.58   15.44   15.12   14.89   12.86
0.709677419354839       15.4    15.38   15.26   14.96   14.73   12.83
0.741935483870968       15.34   15.32   15.2    14.93   14.71   12.81
0.774193548387097       15.27   15.25   15.12   14.81   14.59   12.75
```

```
0.806451612903226      15.17   15.14   15.03   14.76   14.55   12.69
0.838709677419355      14.96   14.94   14.82   14.5    14.28   12.43
0.870967741935484      12.18   12.16   12.07   11.85   11.68   10.2
0.903225806451613      11.72   11.7    11.59   11.35   11.19   9.018
0.935483870967742      6.389   6.373   6.306   6.153   6.041   4.86
0.967741935483871      3.616   3.604   3.552   3.447   3.373   2.387

0.1     19.447  19.407  19.24   18.846  18.516  16.113
                                        Average of yearly averages:   13.3395

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHAirH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.414   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 PEACHAirL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.49    3.48    3.437   3.329   3.251   2.27
1962    6.647   6.63    6.558   6.412   6.289   5.141
1963    11.04   11.01   10.89   10.69   10.52   8.775
1964    11.69   11.67   11.56   11.36   11.19   10.03
1965    13.99   13.96   13.83   13.61   13.42   11.88
1966    14.28   14.24   14.11   13.87   13.66   12.43
1967    18.43   18.38   18.25   17.95   17.66   15.37
1968    16.71   16.67   16.54   16.28   16.06   14.81
1969    19.1    19.05   18.92   18.62   18.4    16.34
1970    18.88   18.83   18.69   18.39   18.15   16.64
1971    21.76   21.71   21.58   21.31   21      18.75
1972    19.58   19.54   19.4    19.11   18.88   17.36
1973    19.2    19.15   19.01   18.7    18.45   16.74
1974    18.02   17.98   17.84   17.56   17.33   15.75
1975    17.36   17.32   17.18   16.91   16.69   15.13
1976    17.35   17.31   17.17   16.9    16.69   15.52
1977    17.95   17.91   17.79   17.53   17.3    15.63
1978    18.22   18.18   18.04   17.72   17.48   15.59
1979    16.87   16.83   16.7    16.42   16.19   14.54
1980    16.25   16.22   16.09   15.84   15.64   14.01
1981    16.33   16.29   16.16   15.87   15.62   13.83
1982    16.59   16.55   16.42   16.15   15.95   14.39
1983    18.78   18.74   18.58   18.15   17.78   15.58
```

1984	16.89	16.84	16.7	16.4	16.17	14.5
1985	16.11	16.07	15.94	15.67	15.44	13.85
1986	17.49	17.46	15.45	15.17	14.95	13.46
1987	20.02	19.97	19.81	19.57	19.34	17.6
1988	19.9	19.85	19.72	19.42	19.11	16.78
1989	19.19	19.14	18.96	18.66	18.42	16.46
1990	19.66	19.61	19.37	18.78	18.55	16.64

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			21.76	21.71	21.58	21.31	21	18.75
0.0645161290322581			20.02	19.97	19.81	19.57	19.34	17.6
0.0967741935483871			19.9	19.85	19.72	19.42	19.11	17.36
0.129032258064516			19.66	19.61	19.4	19.11	18.88	16.78
0.161290322580645			19.58	19.54	19.37	18.78	18.55	16.74
0.193548387096774			19.2	19.15	19.01	18.7	18.45	16.64
0.225806451612903			19.19	19.14	18.96	18.66	18.42	16.64
0.258064516129032			19.1	19.05	18.92	18.62	18.4	16.46
0.290322580645161			18.88	18.83	18.69	18.39	18.15	16.34
0.32258064516129			18.78	18.74	18.58	18.15	17.78	15.75
0.354838709677419			18.43	18.38	18.25	17.95	17.66	15.63
0.387096774193548			18.22	18.18	18.04	17.72	17.48	15.59
0.419354838709677			18.02	17.98	17.84	17.56	17.33	15.58
0.451612903225806			17.95	17.91	17.79	17.53	17.3	15.52
0.483870967741936			17.49	17.46	17.18	16.91	16.69	15.37
0.516129032258065			17.36	17.32	17.17	16.9	16.69	15.13
0.548387096774194			17.35	17.31	16.7	16.42	16.19	14.81
0.580645161290323			16.89	16.84	16.7	16.4	16.17	14.54
0.612903225806452			16.87	16.83	16.54	16.28	16.06	14.5
0.645161290322581			16.71	16.67	16.42	16.15	15.95	14.39
0.67741935483871			16.59	16.55	16.16	15.87	15.64	14.01
0.709677419354839			16.33	16.29	16.09	15.84	15.62	13.85
0.741935483870968			16.25	16.22	15.94	15.67	15.44	13.83
0.774193548387097			16.11	16.07	15.45	15.17	14.95	13.46
0.806451612903226			14.28	14.24	14.11	13.87	13.66	12.43
0.838709677419355			13.99	13.96	13.83	13.61	13.42	11.88
0.870967741935484			11.69	11.67	11.56	11.36	11.19	10.03
0.903225806451613			11.04	11.01	10.89	10.69	10.52	8.775
0.935483870967742			6.647	6.63	6.558	6.412	6.289	5.141
0.967741935483871			3.49	3.48	3.437	3.329	3.251	2.27
0.1	19.876	19.826	19.688	19.389	19.087	17.302		

Average of yearly averages: 14.1932

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHAirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.168	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.168	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.

```
app. rate 6    apprate 0.168   kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.168   kg/ha
Interval 8     interval        7       days    Set to 0 or delete line for single app.
app. rate 8    apprate 0.123   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 PEACHGrdH.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.8264  0.8251  0.8198  0.6905  0.6767  0.5022
1962    1.531   1.528   1.513   1.479   1.453   1.199
1963    5.652   5.637   5.58    5.451   5.342   4.101
1964    4.802   4.796   4.767   4.695   4.641   4.243
1965    7.803   7.785   7.729   7.634   7.535   6.222
1966    7.406   7.395   7.348   6.313   6.23    5.809
1967    9.64    9.624   9.558   9.348   9.201   8.027
1968    7.794   7.781   7.729   7.64    7.553   6.986
1969    10.07   10.05   9.96    9.74    9.563   8.133
1970    9.15    9.137   8.893   8.094   8.001   7.463
1971    11.11   11.08   11      10.79   10.6    9.421
1972    9.036   9.022   8.962   8.848   8.751   8.127
1973    8.558   8.547   8.496   8.374   8.263   7.479
1974    7.111   7.101   7.071   6.977   6.893   6.244
1975    6.04    6.033   6.001   5.925   5.854   5.315
1976    5.616   5.608   5.574   5.495   5.425   5.097
1977    5.693   5.686   5.646   5.555   5.487   4.947
1978    7.112   7.097   7.04    6.916   6.788   5.767
1979    5.848   5.84    5.8     5.712   5.635   5.054
1980    5.078   5.071   5.037   4.959   4.898   4.388
1981    5.261   5.252   5.212   5.153   5.084   4.432
1982    6.552   6.538   6.479   6.342   6.229   5.238
1983    6.408   6.394   6.328   6.174   6.121   5.409
1984    5.401   5.393   5.356   5.273   5.195   4.675
1985    5.142   5.135   5.097   5.007   4.934   4.415
1986    7.041   7.029   5.875   5.772   5.681   4.881
1987    7.832   7.819   7.755   7.626   7.569   6.869
1988    8.769   8.749   8.667   8.469   8.305   7.041
1989    10.32   10.29   10.19   9.973   9.813   8.237
1990    9.249   9.228   9.115   8.839   8.679   7.968

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       11.11   11.08   11      10.79   10.6    9.421
0.0645161290322581      10.32   10.29   10.19   9.973   9.813   8.237
0.0967741935483871      10.07   10.05   9.96    9.74    9.563   8.133
0.129032258064516       9.64    9.624   9.558   9.348   9.201   8.127
0.161290322580645       9.249   9.228   9.115   8.848   8.751   8.027
0.193548387096774       9.15    9.137   8.962   8.839   8.679   7.968
0.225806451612903       9.036   9.022   8.893   8.469   8.305   7.479
0.258064516129032       8.769   8.749   8.667   8.374   8.263   7.463
0.290322580645161       8.558   8.547   8.496   8.094   8.001   7.041
0.32258064516129        7.832   7.819   7.755   7.64    7.569   6.986
0.354838709677419       7.803   7.785   7.729   7.634   7.553   6.869
0.387096774193548       7.794   7.781   7.729   7.626   7.535   6.244
0.419354838709677       7.406   7.395   7.348   6.977   6.893   6.222
0.451612903225806       7.112   7.101   7.071   6.916   6.788   5.809
0.483870967741936       7.111   7.097   7.04    6.342   6.23    5.767
0.516129032258065       7.041   7.029   6.479   6.313   6.229   5.409
0.548387096774194       6.552   6.538   6.328   6.174   6.121   5.315
0.580645161290323       6.408   6.394   6.001   5.925   5.854   5.238
0.612903225806452       6.04    6.033   5.875   5.772   5.681   5.097
0.645161290322581       5.848   5.84    5.8     5.712   5.635   5.054
0.67741935483871        5.693   5.686   5.646   5.555   5.487   4.947
0.709677419354839       5.652   5.637   5.58    5.495   5.425   4.881
0.741935483870968       5.616   5.608   5.574   5.451   5.342   4.675
0.774193548387097       5.401   5.393   5.356   5.273   5.195   4.432
0.806451612903226       5.261   5.252   5.212   5.153   5.084   4.415
0.838709677419355       5.142   5.135   5.097   5.007   4.934   4.388
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0.870967741935484      5.078   5.071   5.037   4.959   4.898   4.243
0.903225806451613      4.802   4.796   4.767   4.695   4.641   4.101
0.935483870967742      1.531   1.528   1.513   1.479   1.453   1.199
0.967741935483871      0.8264  0.8251  0.8198  0.6905  0.6767  0.5022

0.1     10.027  10.0074 9.9198  9.7008  9.5268  8.1324
                                        Average of yearly averages:   5.78964

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHGrdH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.414   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 PEACHGrdL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.317   1.314   1.303   0.9638  0.8239  0.5162
1962    1.953   1.948   1.928   1.891   1.859   1.603
1963    4.988   4.974   4.944   4.868   4.807   3.943
1964    4.744   4.738   4.711   4.661   4.368   4.144
1965    6.037   6.023   5.992   5.927   5.867   5.276
1966    7.529   7.516   7.463   5.84    5.53    5.299
1967    9.574   9.557   9.526   9.369   9.198   7.998
1968    8.229   8.221   8.169   8.106   7.525   7.188
1969    9.795   9.777   9.747   9.665   9.531   8.494
1970    10.83   10.81   10.51   9.214   9.159   8.64
1971    12.24   12.22   12.2    12.06   11.87   10.69
1972    9.84    9.825   9.797   9.735   9.685   9.154
1973    9.362   9.347   9.317   9.252   9.187   8.463
1974    8.113   8.096   8.068   8.001   7.943   7.422
1975    7.385   7.369   7.336   7.266   7.205   6.68
1976    8.006   7.988   7.917   7.795   7.731   6.894
1977    7.741   7.728   7.698   7.646   7.596   7.006
1978    8.221   8.207   8.173   8.046   7.946   7.163
1979    6.937   6.921   6.891   6.825   6.77    6.202
1980    6.443   6.43    6.399   6.338   6.285   5.747
1981    6.542   6.526   6.496   6.409   6.338   5.668
1982    6.906   6.89    6.86    6.795   6.725   6.217
1983    9.052   9.027   8.971   8.745   8.557   7.386
1984    7.198   7.18    7.153   7.079   7.02    6.47
1985    6.623   6.608   6.577   6.519   6.466   5.948
1986    10.54   10.52   8.031   6.089   6.035   5.608
```

1987	11	10.98	10.9	10.73	10.67	9.905
1988	10.6	10.58	10.56	10.39	10.21	8.982
1989	9.911	9.888	9.791	9.619	9.558	8.628
1990	10.54	10.52	10.38	10.05	9.797	8.756

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			12.24	12.22	12.2	12.06	11.87	10.69
0.0645161290322581			11	10.98	10.9	10.73	10.67	9.905
0.0967741935483871			10.83	10.81	10.56	10.39	10.21	9.154
0.129032258064516			10.6	10.58	10.51	10.05	9.797	8.982
0.161290322580645			10.54	10.52	10.38	9.735	9.685	8.756
0.193548387096774			10.54	10.52	9.797	9.665	9.558	8.64
0.225806451612903			9.911	9.888	9.791	9.619	9.531	8.628
0.258064516129032			9.84	9.825	9.747	9.369	9.198	8.494
0.290322580645161			9.795	9.777	9.526	9.252	9.187	8.463
0.32258064516129			9.574	9.557	9.317	9.214	9.159	7.998
0.354838709677419			9.362	9.347	8.971	8.745	8.557	7.422
0.387096774193548			9.052	9.027	8.173	8.106	7.946	7.386
0.419354838709677			8.229	8.221	8.169	8.046	7.943	7.188
0.451612903225806			8.221	8.207	8.068	8.001	7.731	7.163
0.483870967741936			8.113	8.096	8.031	7.795	7.596	7.006
0.516129032258065			8.006	7.988	7.917	7.646	7.525	6.894
0.548387096774194			7.741	7.728	7.698	7.266	7.205	6.68
0.580645161290323			7.529	7.516	7.463	7.079	7.02	6.47
0.612903225806452			7.385	7.369	7.336	6.825	6.77	6.217
0.645161290322581			7.198	7.18	7.153	6.795	6.725	6.202
0.67741935483871			6.937	6.921	6.891	6.519	6.466	5.948
0.709677419354839			6.906	6.89	6.86	6.409	6.338	5.747
0.741935483870968			6.623	6.608	6.577	6.338	6.285	5.668
0.774193548387097			6.542	6.526	6.496	6.089	6.035	5.608
0.806451612903226			6.443	6.43	6.399	5.927	5.867	5.299
0.838709677419355			6.037	6.023	5.992	5.84	5.53	5.276
0.870967741935484			4.988	4.974	4.944	4.868	4.807	4.144
0.903225806451613			4.744	4.738	4.711	4.661	4.368	3.943
0.935483870967742			1.953	1.948	1.928	1.891	1.859	1.603
0.967741935483871			1.317	1.314	1.303	0.9638	0.8239	0.5162
0.1	10.807	10.787	10.555	10.356	10.1687	9.1368		

Average of yearly averages: 6.73634

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHGrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.168	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.168	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.168	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.168	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.168	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.168	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.168	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.168	kg/ha	

```
Interval 8     interval       7       days    Set to 0 or delete line for single app.
app. rate 8    apprate 0.123  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 PlumAir.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)
```

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.976	2.966	2.925	2.845	2.783	2.034
1962	5.336	5.321	5.263	5.14	5.056	4.145
1963	9.265	9.243	9.163	8.974	8.824	7.227
1964	9.731	9.713	9.636	9.472	9.344	8.237
1965	12.69	12.66	12.6	12.39	12.22	10.43
1966	12.35	12.32	12.21	11.99	11.83	10.6
1967	14.94	14.92	14.83	14.54	14.37	12.54
1968	13.84	13.82	13.71	13.49	13.32	11.97
1969	16.87	16.84	16.7	16.34	16.06	13.9
1970	16.2	16.17	16.06	15.82	15.63	13.95
1971	17.55	17.52	17.39	17.07	16.81	15.02
1972	16.01	15.98	15.86	15.62	15.44	13.95
1973	15.58	15.55	15.43	15.19	14.99	13.37
1974	14.5	14.48	14.37	14.15	13.97	12.45
1975	13.68	13.66	13.58	13.38	13.21	11.81
1976	13.45	13.43	13.33	13.13	12.96	11.71
1977	13.5	13.47	13.35	13.14	12.97	11.5
1978	14.59	14.56	14.45	14.2	13.97	12.13
1979	13.52	13.5	13.39	13.17	12.99	11.47
1980	13.3	13.27	13.17	12.96	12.8	11.24
1981	13.04	13.02	12.92	12.73	12.55	10.97
1982	13.83	13.81	13.7	13.45	13.24	11.54
1983	14.28	14.25	14.11	13.87	13.75	12.1
1984	13.34	13.31	13.21	12.98	12.79	11.27
1985	12.77	12.75	12.62	12.4	12.23	10.76
1986	13.37	13.34	13.22	12.99	12.81	11.09
1987	14.23	14.2	14.06	13.84	13.68	12.16
1988	14.7	14.67	14.54	14.26	14.01	12.24
1989	15.31	15.27	15.12	14.9	14.7	12.78
1990	14.51	14.47	14.3	14.14	14.11	12.69

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		17.55	17.52	17.39	17.07	16.81	15.02
0.0645161290322581		16.87	16.84	16.7	16.34	16.06	13.95
0.0967741935483871		16.2	16.17	16.06	15.82	15.63	13.95
0.129032258064516		16.01	15.98	15.86	15.62	15.44	13.9
0.161290322580645		15.58	15.55	15.43	15.19	14.99	13.37
0.193548387096774		15.31	15.27	15.12	14.9	14.7	12.78
0.225806451612903		14.94	14.92	14.83	14.54	14.37	12.69
0.258064516129032		14.7	14.67	14.54	14.26	14.11	12.54
0.290322580645161		14.59	14.56	14.45	14.2	14.01	12.45
0.32258064516129		14.51	14.48	14.37	14.15	13.97	12.24
0.354838709677419		14.5	14.47	14.3	14.14	13.97	12.16
0.387096774193548		14.28	14.25	14.11	13.87	13.75	12.13
0.419354838709677		14.23	14.2	14.06	13.84	13.68	12.1
0.451612903225806		13.84	13.82	13.71	13.49	13.32	11.97
0.483870967741936		13.83	13.81	13.7	13.45	13.24	11.81
0.516129032258065		13.68	13.66	13.58	13.38	13.21	11.71
0.548387096774194		13.52	13.5	13.39	13.17	12.99	11.54
0.580645161290323		13.5	13.47	13.35	13.14	12.97	11.5
0.612903225806452		13.45	13.43	13.33	13.13	12.96	11.47
0.645161290322581		13.37	13.34	13.22	12.99	12.81	11.27
0.67741935483871		13.34	13.31	13.21	12.98	12.8	11.24
0.709677419354839		13.3	13.27	13.17	12.96	12.79	11.09
0.741935483870968		13.04	13.02	12.92	12.73	12.55	10.97
0.774193548387097		12.77	12.75	12.62	12.4	12.23	10.76
0.806451612903226		12.69	12.66	12.6	12.39	12.22	10.6
0.838709677419355		12.35	12.32	12.21	11.99	11.83	10.43
0.870967741935484		9.731	9.713	9.636	9.472	9.344	8.237
0.903225806451613		9.265	9.243	9.163	8.974	8.824	7.227
0.935483870967742		5.336	5.321	5.263	5.14	5.056	4.145

```
0.967741935483871     2.976   2.966   2.925   2.845   2.783   2.034

0.1     16.181  16.151  16.04   15.8    15.611  13.945
                                        Average of yearly averages:   11.2427666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PlumAir
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.176   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-2    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.176   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.176   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.176   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.176   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.176   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.176   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 PlumGrd.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.7416  0.7404  0.7353  0.6047  0.559   0.4314
1962    1.317   1.314   1.301   1.272   1.253   1.054
1963    4.152   4.141   4.101   4.01    3.932   3.065
1964    3.589   3.584   3.559   3.512   3.475   3.2
1965    5.993   5.979   5.944   5.883   5.816   4.821
1966    5.782   5.773   5.736   4.92    4.871   4.545
1967    7.525   7.512   7.46    7.296   7.157   6.265
1968    6.083   6.073   6.033   5.957   5.902   5.485
1969    9.004   8.984   8.902   8.704   8.545   7.252
1970    8.108   8.096   8.057   7.991   7.926   7.174
1971    9.544   9.526   9.453   9.28    9.119   8.16
1972    7.701   7.689   7.65    7.585   7.533   6.978
1973    7.181   7.169   7.13    7.05    6.979   6.334
1974    6.064   6.054   6.017   5.953   5.901   5.368
1975    5.201   5.194   5.166   5.112   5.063   4.615
1976    4.791   4.784   4.754   4.7     4.652   4.358
1977    4.718   4.709   4.671   4.614   4.57    4.134
1978    6.093   6.08    6.032   5.928   5.822   4.962
1979    5.037   5.028   4.991   4.933   4.884   4.386
1980    4.947   4.937   4.9     4.842   4.796   4.225
```

1981	4.683	4.674	4.648	4.61	4.557	4.03
1982	5.609	5.597	5.553	5.448	5.355	4.597
1983	6.166	6.152	6.086	5.934	5.81	5.119
1984	5.054	5.046	5.011	4.953	4.901	4.424
1985	4.631	4.621	4.583	4.522	4.475	4.027
1986	5.666	5.657	5.309	5.243	5.168	4.431
1987	6.266	6.252	6.211	6.135	6.09	5.535
1988	6.839	6.825	6.762	6.611	6.49	5.562
1989	7.31	7.292	7.249	7.159	7.077	6.11
1990	6.927	6.911	6.826	6.62	6.512	5.975

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		9.544	9.526	9.453	9.28	9.119	8.16	
0.0645161290322581		9.004	8.984	8.902	8.704	8.545	7.252	
0.0967741935483871		8.108	8.096	8.057	7.991	7.926	7.174	
0.129032258064516		7.701	7.689	7.65	7.585	7.533	6.978	
0.161290322580645		7.525	7.512	7.46	7.296	7.157	6.334	
0.193548387096774		7.31	7.292	7.249	7.159	7.077	6.265	
0.225806451612903		7.181	7.169	7.13	7.05	6.979	6.11	
0.258064516129032		6.927	6.911	6.826	6.62	6.512	5.975	
0.290322580645161		6.839	6.825	6.762	6.611	6.49	5.562	
0.32258064516129		6.266	6.252	6.211	6.135	6.09	5.535	
0.354838709677419		6.166	6.152	6.086	5.957	5.902	5.485	
0.387096774193548		6.093	6.08	6.033	5.953	5.901	5.368	
0.419354838709677		6.083	6.073	6.032	5.934	5.822	5.119	
0.451612903225806		6.064	6.054	6.017	5.928	5.816	4.962	
0.483870967741936		5.993	5.979	5.944	5.883	5.81	4.821	
0.516129032258065		5.782	5.773	5.736	5.448	5.355	4.615	
0.548387096774194		5.666	5.657	5.553	5.243	5.168	4.597	
0.580645161290323		5.609	5.597	5.309	5.112	5.063	4.545	
0.612903225806452		5.201	5.194	5.166	4.953	4.901	4.431	
0.645161290322581		5.054	5.046	5.011	4.933	4.884	4.424	
0.67741935483871		5.037	5.028	4.991	4.92	4.871	4.386	
0.709677419354839		4.947	4.937	4.9	4.842	4.796	4.358	
0.741935483870968		4.791	4.784	4.754	4.7	4.652	4.225	
0.774193548387097		4.718	4.709	4.671	4.614	4.57	4.134	
0.806451612903226		4.683	4.674	4.648	4.61	4.557	4.03	
0.838709677419355		4.631	4.621	4.583	4.522	4.475	4.027	
0.870967741935484		4.152	4.141	4.101	4.01	3.932	3.2	
0.903225806451613		3.589	3.584	3.559	3.512	3.475	3.065	
0.935483870967742		1.317	1.314	1.301	1.272	1.253	1.054	
0.967741935483871		0.7416	0.7404	0.7353	0.6047	0.559	0.4314	
0.1	8.0673	8.0553	8.0163	7.9504	7.8867	7.1544		

Average of yearly averages: 4.88741333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PlumGrd
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.176	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	20-2	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.176	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.176	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.176	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.176	kg/ha	

```
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.176  kg/ha
Interval 6     interval       7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.176  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 PruneAir.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    4.359   4.35    4.316   3.585   3.285   1.236
1962    6.369   6.347   6.262   6.111   6.035   4.805
1963    8.405   8.378   8.268   8.118   8.059   6.957
1964    10.65   10.63   10.57   10.48   10.03   8.448
1965    11.26   11.23   11.12   10.93   10.86   10.17
1966    12.61   12.59   12.53   11.56   11.38   10.71
1967    12.78   12.74   12.58   12.35   12.21   11.83
1968    13.85   13.83   13.78   13.68   13.09   11.62
1969    13.94   13.9    13.74   13.54   13.45   13
1970    15.19   15.17   15      14.07   13.82   13.33
1971    15.1    15.08   15.02   14.88   14.76   14.19
1972    16.31   16.29   16.21   15.68   15.02   14
1973    15.93   15.91   15.85   15.7    15.58   14.82
1974    14.6    14.59   14.55   14.44   14.34   13.88
1975    14.5    14.46   14.29   14.05   13.94   13.54
1976    17.13   17.09   16.94   16.66   16.51   14.1
1977    16.85   16.82   16.08   15.93   15.81   15.07
1978    16.8    16.77   16.75   16.61   16.46   15.73
1979    15.61   15.6    15.56   15.47   15.35   14.53
1980    14.33   14.29   14.19   14.06   13.97   13.44
1981    13.65   13.64   13.58   13.43   13.31   12.78
1982    14.93   14.91   14.86   14.75   14.55   13.07
1983    14.77   14.75   14.7    14.57   14.45   13.89
1984    13.83   13.81   13.76   13.64   13.54   12.89
1985    13.04   13.01   12.97   12.86   12.77   12.27
1986    16.5    16.47   14.25   12.46   12.24   11.73
1987    16.83   16.81   16.72   16.51   16.35   15.31
1988    14.51   14.5    14.46   14.35   14.24   13.62
1989    14.11   14.08   13.93   13.77   13.66   13.18
1990    14.17   14.16   14.11   13.97   13.85   13.24

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       17.13   17.09   16.94   16.66   16.51   15.73
0.0645161290322581      16.85   16.82   16.75   16.61   16.46   15.31
0.0967741935483871      16.83   16.81   16.72   16.51   16.35   15.07
0.129032258064516       16.8    16.77   16.21   15.93   15.81   14.82
0.161290322580645       16.5    16.47   16.08   15.7    15.58   14.53
0.193548387096774       16.31   16.29   15.85   15.68   15.35   14.19
0.225806451612903       15.93   15.91   15.56   15.47   15.02   14.1
0.258064516129032       15.61   15.6    15.02   14.88   14.76   14
0.290322580645161       15.19   15.17   15      14.75   14.55   13.89
0.32258064516129        15.1    15.08   14.86   14.57   14.45   13.88
0.354838709677419       14.93   14.91   14.7    14.44   14.34   13.62
0.387096774193548       14.77   14.75   14.55   14.35   14.24   13.54
0.419354838709677       14.6    14.59   14.46   14.07   13.97   13.44
0.451612903225806       14.51   14.5    14.29   14.06   13.94   13.33
0.483870967741936       14.5    14.46   14.25   14.05   13.85   13.24
0.516129032258065       14.33   14.29   14.19   13.97   13.82   13.18
0.548387096774194       14.17   14.16   14.11   13.77   13.66   13.07
0.580645161290323       14.11   14.08   13.93   13.68   13.54   13
0.612903225806452       13.94   13.9    13.78   13.64   13.45   12.89
0.645161290322581       13.85   13.83   13.76   13.54   13.31   12.78
0.67741935483871        13.83   13.81   13.74   13.43   13.09   12.27
0.709677419354839       13.65   13.64   13.58   12.86   12.77   11.83
0.741935483870968       13.04   13.01   12.97   12.46   12.24   11.73
0.774193548387097       12.78   12.74   12.58   12.35   12.21   11.62
0.806451612903226       12.61   12.59   12.53   11.56   11.38   10.71
0.838709677419355       11.26   11.23   11.12   10.93   10.86   10.17
0.870967741935484       10.65   10.63   10.57   10.48   10.03   8.448
```

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0.903225806451613      8.405   8.378   8.268   8.118   8.059   6.957
0.935483870967742      6.369   6.347   6.262   6.111   6.035   4.805
0.967741935483871      4.359   4.35    4.316   3.585   3.285   1.236

0.1     16.827  16.806  16.669  16.452  16.296  15.045
                                        Average of yearly averages:   12.2462

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PruneAir
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142    mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0      days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7    0      days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.176   kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    20-7    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.176   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.176   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.176   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.176   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.176   kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.176   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 PruneGrd.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    2.378   2.371   2.346   1.568   1.225   0.3877
1962    2.475   2.468   2.44    2.396   2.373   2.263
1963    3.626   3.621   3.602   3.51    3.38    3.129
1964    5.179   5.17    5.133   5.063   4.543   3.634
1965    5.05    5.044   5.019   4.965   4.922   4.668
1966    6.219   6.209   6.17    5.107   4.909   4.679
1967    6.103   6.095   6.062   6.013   5.964   5.485
1968    6.886   6.878   6.827   6.76    6.081   5.045
1969    6.878   6.87    6.85    6.8     6.752   6.198
1970    8.06    8.048   7.864   6.86    6.796   6.38
1971    7.999   7.989   7.948   7.861   7.794   7.132
1972    8.87    8.855   8.805   8.275   7.518   6.838
1973    8.625   8.615   8.575   8.484   8.414   7.633
1974    7.228   7.221   7.195   7.139   7.088   6.638
1975    6.82    6.814   6.799   6.744   6.697   6.209
1976    9.059   9.036   8.941   8.783   8.702   6.631
1977    9.395   9.379   8.478   8.398   8.33    7.627
1978    9.41    9.396   9.36    9.285   9.197   8.492
```

1979	8.284	8.277	8.246	8.195	8.138	7.361
1980	7.029	7.022	6.994	6.931	6.879	6.307
1981	6.471	6.463	6.429	6.353	6.29	5.709
1982	7.573	7.563	7.527	7.39	7.103	5.981
1983	7.508	7.5	7.468	7.4	7.336	6.777
1984	6.617	6.611	6.585	6.526	6.474	5.909
1985	5.979	5.974	5.952	5.9	5.855	5.377
1986	9.634	9.613	7.299	5.362	5.12	4.859
1987	10.03	10.01	9.942	9.782	9.669	8.587
1988	7.558	7.552	7.532	7.477	7.423	6.782
1989	6.895	6.889	6.867	6.812	6.76	6.293
1990	7.154	7.148	7.114	7.037	6.97	6.307

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		10.03	10.01	9.942	9.782	9.669	8.587
0.0645161290322581		9.634	9.613	9.36	9.285	9.197	8.492
0.0967741935483871		9.41	9.396	8.941	8.783	8.702	7.633
0.129032258064516		9.395	9.379	8.805	8.484	8.414	7.627
0.161290322580645		9.059	9.036	8.575	8.398	8.33	7.361
0.193548387096774		8.87	8.855	8.478	8.275	8.138	7.132
0.225806451612903		8.625	8.615	8.246	8.195	7.794	6.838
0.258064516129032		8.284	8.277	7.948	7.861	7.518	6.782
0.290322580645161		8.06	8.048	7.864	7.477	7.423	6.777
0.32258064516129		7.999	7.989	7.532	7.4	7.336	6.638
0.354838709677419		7.573	7.563	7.527	7.39	7.103	6.631
0.387096774193548		7.558	7.552	7.468	7.139	7.088	6.38
0.419354838709677		7.508	7.5	7.299	7.037	6.97	6.307
0.451612903225806		7.228	7.221	7.195	6.931	6.879	6.307
0.483870967741936		7.154	7.148	7.114	6.86	6.796	6.293
0.516129032258065		7.029	7.022	6.994	6.812	6.76	6.209
0.548387096774194		6.895	6.889	6.867	6.8	6.752	6.198
0.580645161290323		6.886	6.878	6.85	6.76	6.697	5.981
0.612903225806452		6.878	6.87	6.827	6.744	6.474	5.909
0.645161290322581		6.82	6.814	6.799	6.526	6.29	5.709
0.67741935483871		6.617	6.611	6.585	6.353	6.081	5.485
0.709677419354839		6.471	6.463	6.429	6.013	5.964	5.377
0.741935483870968		6.219	6.209	6.17	5.9	5.855	5.045
0.774193548387097		6.103	6.095	6.062	5.362	5.12	4.859
0.806451612903226		5.979	5.974	5.952	5.107	4.922	4.679
0.838709677419355		5.179	5.17	5.133	5.063	4.909	4.668
0.870967741935484		5.05	5.044	5.019	4.965	4.543	3.634
0.903225806451613		3.626	3.621	3.602	3.51	3.38	3.129
0.935483870967742		2.475	2.468	2.44	2.396	2.373	2.263
0.967741935483871		2.378	2.371	2.346	1.568	1.225	0.3877
0.1	9.4085	9.3943	8.9274	8.7531	8.6732	7.6324	

Average of yearly averages: 5.84392333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PruneGrd
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.176	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	20-7	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.176	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.176	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.176	kg/ha	

```
Interval 4     interval       7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.176  kg/ha
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.176  kg/ha
Interval 6     interval       7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.176  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 mycloAir5.out
Chemical: Myclobutanil
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified 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    1.617   1.615   1.606   1.511   1.473   0.9791
1962    3.091   3.083   3.044   2.961   2.905   2.357
1963    4.814   4.802   4.747   4.656   4.571   3.907
1964    5.277   5.265   5.208   5.111   5.018   4.541
1965    6.05    6.037   5.974   5.878   5.788   5.226
1966    6.279   6.263   6.188   6.084   5.996   5.466
1967    7.708   7.689   7.602   7.491   7.39    6.487
1968    7.218   7.204   7.12    7       6.902   6.407
1969    8.014   7.997   7.912   7.803   7.708   6.984
1970    8.15    8.13    8.037   7.928   7.82    7.216
1971    9.004   8.986   8.891   8.753   8.642   7.824
1972    8.239   8.22    8.142   8.026   7.925   7.338
1973    8.09    8.07    7.976   7.865   7.756   7.119
1974    7.741   7.725   7.634   7.517   7.417   6.832
1975    7.717   7.701   7.616   7.502   7.41    6.782
1976    7.779   7.761   7.68    7.577   7.485   7.046
1977    8.201   8.185   8.092   7.961   7.847   7.19
1978    8.319   8.299   8.205   8.094   7.983   7.33
1979    7.881   7.861   7.766   7.654   7.546   6.88
1980    7.57    7.554   7.474   7.361   7.261   6.578
1981    7.883   7.863   7.766   7.643   7.523   6.755
1982    7.542   7.525   7.445   7.341   7.251   6.756
1983    9.283   9.261   9.174   9.052   8.912   7.694
1984    8.278   8.255   8.164   8.063   7.953   7.245
1985    7.683   7.666   7.57    7.452   7.337   6.697
1986    7.996   7.984   7.095   6.978   6.879   6.308
1987    9.272   9.248   9.159   8.981   8.824   8.067
1988    8.708   8.69    8.595   8.479   8.365   7.515
1989    8.081   8.062   7.969   7.848   7.735   7.089
1990    8.914   8.891   8.782   8.509   8.304   7.372

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       9.283   9.261   9.174   9.052   8.912   8.067
0.0645161290322581      9.272   9.248   9.159   8.981   8.824   7.824
0.0967741935483871      9.004   8.986   8.891   8.753   8.642   7.694
0.129032258064516       8.914   8.891   8.782   8.509   8.365   7.515
0.161290322580645       8.708   8.69    8.595   8.479   8.304   7.372
0.193548387096774       8.319   8.299   8.205   8.094   7.983   7.338
0.225806451612903       8.278   8.255   8.164   8.063   7.953   7.33
0.258064516129032       8.239   8.22    8.142   8.026   7.925   7.245
0.290322580645161       8.201   8.185   8.092   7.961   7.847   7.216
0.32258064516129        8.15    8.13    8.037   7.928   7.82    7.19
0.354838709677419       8.09    8.07    7.976   7.865   7.756   7.119
0.387096774193548       8.081   8.062   7.969   7.848   7.735   7.089
0.419354838709677       8.014   7.997   7.912   7.803   7.708   7.046
0.451612903225806       7.996   7.984   7.766   7.654   7.546   6.984
0.483870967741936       7.883   7.863   7.766   7.643   7.523   6.88
0.516129032258065       7.881   7.861   7.68    7.577   7.485   6.832
0.548387096774194       7.779   7.761   7.634   7.517   7.417   6.782
0.580645161290323       7.741   7.725   7.616   7.502   7.41    6.756
0.612903225806452       7.717   7.701   7.602   7.491   7.39    6.755
0.645161290322581       7.708   7.689   7.57    7.452   7.337   6.697
0.67741935483871        7.683   7.666   7.474   7.361   7.261   6.578
0.709677419354839       7.57    7.554   7.445   7.341   7.251   6.487
0.741935483870968       7.542   7.525   7.12    7       6.902   6.407
0.774193548387097       7.218   7.204   7.095   6.978   6.879   6.308
0.806451612903226       6.279   6.263   6.188   6.084   5.996   5.466
```

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0.838709677419355      6.05    6.037   5.974   5.878   5.788   5.226
0.870967741935484      5.277   5.265   5.208   5.111   5.018   4.541
0.903225806451613      4.814   4.802   4.747   4.656   4.571   3.907
0.935483870967742      3.091   3.083   3.044   2.961   2.905   2.357
0.967741935483871      1.617   1.615   1.606   1.511   1.473   0.9791

0.1     8.995   8.9765  8.8801  8.7286  8.6143  7.6761
                                        Average of yearly averages:   6.39957

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloAir5
Metfile:        w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.1456  kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    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        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.1456  kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.1456  kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.1456  kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.0896  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 mycloAir67.out
Chemical: Myclobutanil
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified 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    1.634   1.628   1.608   1.554   1.51    1
1962    3.056   3.048   3.015   2.934   2.874   2.299
1963    4.849   4.836   4.786   4.676   4.591   3.846
1964    5.245   5.233   5.194   5.084   4.994   4.444
1965    5.991   5.978   5.92    5.8     5.707   5.08
1966    6.253   6.236   6.169   6.034   5.933   5.332
1967    7.837   7.817   7.734   7.581   7.461   6.425
1968    7.287   7.27    7.201   7.054   6.935   6.366
1969    8.072   8.053   7.969   7.816   7.702   6.91
1970    8.278   8.256   8.169   8.009   7.883   7.181
1971    9.089   9.07    8.995   8.852   8.727   7.802
1972    8.355   8.334   8.252   8.102   7.982   7.301
1973    8.203   8.181   8.091   7.928   7.799   7.067
1974    7.834   7.816   7.738   7.582   7.46    6.786
1975    7.803   7.784   7.708   7.557   7.441   6.734
1976    7.865   7.846   7.766   7.62    7.509   6.981
1977    8.218   8.202   8.136   7.982   7.854   7.092
1978    8.017   7.997   7.916   7.758   7.63    6.887
1979    7.613   7.593   7.513   7.356   7.234   6.493
1980    7.373   7.357   7.293   7.155   7.042   6.29
```

1981	7.756	7.738	7.658	7.49	7.352	6.503
1982	7.452	7.434	7.359	7.217	7.111	6.535
1983	9.673	9.645	9.537	9.33	9.133	7.704
1984	8.508	8.484	8.385	8.222	8.09	7.283
1985	7.848	7.83	7.752	7.592	7.462	6.722
1986	7.919	7.907	7.261	7.104	6.982	6.322
1987	9.351	9.326	9.224	9.008	8.871	8.044
1988	8.933	8.912	8.833	8.675	8.537	7.558
1989	8.219	8.2	8.128	7.964	7.833	7.083
1990	8.575	8.555	8.451	8.221	8.116	7.192

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129			9.673	9.645	9.537	9.33	9.133	8.044
0.0645161290322581			9.351	9.326	9.224	9.008	8.871	7.802
0.0967741935483871			9.089	9.07	8.995	8.852	8.727	7.704
0.129032258064516			8.933	8.912	8.833	8.675	8.537	7.558
0.161290322580645			8.575	8.555	8.451	8.222	8.116	7.301
0.193548387096774			8.508	8.484	8.385	8.221	8.09	7.283
0.225806451612903			8.355	8.334	8.252	8.102	7.982	7.192
0.258064516129032			8.278	8.256	8.169	8.009	7.883	7.181
0.290322580645161			8.219	8.202	8.136	7.982	7.854	7.092
0.32258064516129			8.218	8.2	8.128	7.964	7.833	7.083
0.354838709677419			8.203	8.181	8.091	7.928	7.799	7.067
0.387096774193548			8.072	8.053	7.969	7.816	7.702	6.981
0.419354838709677			8.017	7.997	7.916	7.758	7.63	6.91
0.451612903225806			7.919	7.907	7.766	7.62	7.509	6.887
0.483870967741936			7.865	7.846	7.752	7.592	7.462	6.786
0.516129032258065			7.848	7.83	7.738	7.582	7.461	6.734
0.548387096774194			7.837	7.817	7.734	7.581	7.46	6.722
0.580645161290323			7.834	7.816	7.708	7.557	7.441	6.535
0.612903225806452			7.803	7.784	7.658	7.49	7.352	6.503
0.645161290322581			7.756	7.738	7.513	7.356	7.234	6.493
0.67741935483871			7.613	7.593	7.359	7.217	7.111	6.425
0.709677419354839			7.452	7.434	7.293	7.155	7.042	6.366
0.741935483870968			7.373	7.357	7.261	7.104	6.982	6.322
0.774193548387097			7.287	7.27	7.201	7.054	6.935	6.29
0.806451612903226			6.253	6.236	6.169	6.034	5.933	5.332
0.838709677419355			5.991	5.978	5.92	5.8	5.707	5.08
0.870967741935484			5.245	5.233	5.194	5.084	4.994	4.444
0.903225806451613			4.849	4.836	4.786	4.676	4.591	3.846
0.935483870967742			3.056	3.048	3.015	2.934	2.874	2.299
0.967741935483871			1.634	1.628	1.608	1.554	1.51	1
0.1	9.0734	9.0542	8.9788	8.8343	8.708	7.6894		

Average of yearly averages: 6.30873333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloAir67
Metfile: w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.112	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	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	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.112	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.112	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.112	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.112	kg/ha	

```
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.112  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 mycloGrd5.out
Chemical: Myclobutanil
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.6633  0.6618  0.6561  0.4889  0.4149  0.2351
1962    0.953   0.9509  0.9411  0.9213  0.9035  0.7861
1963    2.05    2.046   2.028   2.004   1.978   1.73
1964    2.338   2.334   2.319   2.295   2.11    1.88
1965    2.42    2.415   2.398   2.374   2.35    2.221
1966    2.903   2.898   2.88    2.356   2.301   2.212
1967    3.662   3.653   3.632   3.61    3.564   3.108
1968    3.445   3.441   3.419   3.394   3.152   2.923
1969    3.77    3.761   3.741   3.721   3.695   3.386
1970    4.277   4.271   4.172   3.763   3.738   3.555
1971    4.615   4.606   4.564   4.539   4.497   4.119
1972    3.788   3.785   3.775   3.748   3.726   3.571
1973    3.618   3.61    3.59    3.567   3.543   3.319
1974    3.222   3.215   3.202   3.174   3.15    3.015
1975    3.177   3.171   3.159   3.129   3.105   2.921
1976    3.706   3.698   3.664   3.61    3.582   3.11
1977    3.63    3.625   3.52    3.488   3.465   3.255
1978    3.791   3.782   3.762   3.736   3.704   3.493
1979    3.382   3.375   3.359   3.334   3.31    3.085
1980    3.109   3.103   3.087   3.058   3.034   2.813
1981    3.465   3.457   3.439   3.409   3.378   3.05
1982    3.356   3.352   3.339   3.299   3.215   3.037
1983    4.951   4.938   4.908   4.83    4.735   3.979
1984    3.963   3.96    3.946   3.913   3.882   3.606
1985    3.386   3.378   3.364   3.338   3.316   3.106
1986    4.759   4.749   3.697   2.88    2.857   2.73
1987    5.135   5.121   5.086   4.96    4.864   4.556
1988    4.461   4.453   4.432   4.407   4.347   3.951
1989    3.812   3.804   3.788   3.737   3.705   3.495
1990    4.639   4.626   4.571   4.428   4.314   3.764

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       5.135   5.121   5.086   4.96    4.864   4.556
0.0645161290322581      4.951   4.938   4.908   4.83    4.735   4.119
0.0967741935483871      4.759   4.749   4.571   4.539   4.497   3.979
0.129032258064516       4.639   4.626   4.564   4.428   4.347   3.951
0.161290322580645       4.615   4.606   4.432   4.407   4.314   3.764
0.193548387096774       4.461   4.453   4.172   3.913   3.882   3.606
0.225806451612903       4.277   4.271   3.946   3.763   3.738   3.571
0.258064516129032       3.963   3.96    3.788   3.748   3.726   3.555
0.290322580645161       3.812   3.804   3.775   3.737   3.705   3.495
0.32258064516129        3.791   3.785   3.762   3.736   3.704   3.493
0.354838709677419       3.788   3.782   3.741   3.721   3.695   3.386
0.387096774193548       3.77    3.761   3.697   3.61    3.582   3.319
0.419354838709677       3.706   3.698   3.664   3.61    3.564   3.255
0.451612903225806       3.662   3.653   3.632   3.567   3.543   3.11
0.483870967741936       3.63    3.625   3.59    3.488   3.465   3.108
0.516129032258065       3.618   3.61    3.52    3.409   3.378   3.106
0.548387096774194       3.465   3.457   3.439   3.394   3.316   3.085
0.580645161290323       3.445   3.441   3.419   3.338   3.31    3.05
0.612903225806452       3.386   3.378   3.364   3.334   3.215   3.037
0.645161290322581       3.382   3.375   3.359   3.299   3.152   3.015
0.67741935483871        3.356   3.352   3.339   3.174   3.15    2.923
0.709677419354839       3.222   3.215   3.202   3.129   3.105   2.921
0.741935483870968       3.177   3.171   3.159   3.058   3.034   2.813
0.774193548387097       3.109   3.103   3.087   2.88    2.857   2.73
0.806451612903226       2.903   2.898   2.88    2.374   2.35    2.221
0.838709677419355       2.42    2.415   2.398   2.356   2.301   2.212
0.870967741935484       2.338   2.334   2.319   2.295   2.11    1.88
```

```
0.903225806451613      2.05    2.046   2.028   2.004   1.978   1.73
0.935483870967742      0.953   0.9509  0.9411  0.9213  0.9035  0.7861
0.967741935483871      0.6633  0.6618  0.6561  0.4889  0.4149  0.2351

0.1     4.747   4.7367  4.5703  4.5279  4.482   3.9762
                                        Average of yearly averages:   3.00037333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloGrd5
Metfile:        w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.1456  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        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.1456  kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.1456  kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.1456  kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.0896  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 mycloGrd67.out
Chemical: Myclobutanil
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.5681  0.567   0.5624  0.4341  0.3777  0.2325
1962    0.8761  0.8744  0.8675  0.848   0.8321  0.7063
1963    2.034   2.028   2.01    1.975   1.941   1.652
1964    2.143   2.14    2.127   2.106   1.949   1.766
1965    2.292   2.288   2.27    2.235   2.207   2.06
1966    2.717   2.713   2.696   2.203   2.173   2.066
1967    3.708   3.698   3.673   3.62    3.559   3.037
1968    3.391   3.387   3.366   3.34    3.098   2.875
1969    3.732   3.724   3.699   3.652   3.615   3.305
1970    4.215   4.209   4.112   3.761   3.723   3.516
1971    4.642   4.632   4.607   4.569   4.507   4.093
1972    3.819   3.81    3.785   3.744   3.712   3.531
1973    3.626   3.617   3.592   3.544   3.506   3.263
1974    3.234   3.228   3.204   3.161   3.124   2.967
1975    3.184   3.177   3.153   3.11    3.074   2.87
1976    3.588   3.58    3.548   3.496   3.469   3.041
1977    3.497   3.491   3.466   3.429   3.393   3.152
1978    3.377   3.369   3.345   3.293   3.252   3.03
1979    3.01    3.003   2.979   2.936   2.901   2.68
1980    2.831   2.826   2.807   2.77    2.738   2.512
1981    3.238   3.231   3.206   3.156   3.112   2.785
1982    3.098   3.095   3.082   3.046   2.969   2.804
```

1983	5.215	5.199	5.166	5.032	4.918	3.987
1984	4.057	4.048	4.021	3.971	3.934	3.644
1985	3.476	3.469	3.444	3.4	3.366	3.131
1986	4.706	4.696	3.668	2.932	2.895	2.743
1987	5.159	5.146	5.091	4.948	4.859	4.532
1988	4.614	4.604	4.58	4.525	4.449	3.996
1989	3.894	3.885	3.851	3.777	3.735	3.487
1990	4.332	4.321	4.269	4.137	4.032	3.576

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129		5.215	5.199	5.166	5.032	4.918	4.532
0.0645161290322581		5.159	5.146	5.091	4.948	4.859	4.093
0.0967741935483871		4.706	4.696	4.607	4.569	4.507	3.996
0.129032258064516		4.642	4.632	4.58	4.525	4.449	3.987
0.161290322580645		4.614	4.604	4.269	4.137	4.032	3.644
0.193548387096774		4.332	4.321	4.112	3.971	3.934	3.576
0.225806451612903		4.215	4.209	4.021	3.777	3.735	3.531
0.258064516129032		4.057	4.048	3.851	3.761	3.723	3.516
0.290322580645161		3.894	3.885	3.785	3.744	3.712	3.487
0.32258064516129		3.819	3.81	3.699	3.652	3.615	3.305
0.354838709677419		3.732	3.724	3.673	3.62	3.559	3.263
0.387096774193548		3.708	3.698	3.668	3.544	3.506	3.152
0.419354838709677		3.626	3.617	3.592	3.496	3.469	3.131
0.451612903225806		3.588	3.58	3.548	3.429	3.393	3.041
0.483870967741936		3.497	3.491	3.466	3.4	3.366	3.037
0.516129032258065		3.476	3.469	3.444	3.34	3.252	3.03
0.548387096774194		3.391	3.387	3.366	3.293	3.124	2.967
0.580645161290323		3.377	3.369	3.345	3.161	3.112	2.875
0.612903225806452		3.238	3.231	3.206	3.156	3.098	2.87
0.645161290322581		3.234	3.228	3.204	3.11	3.074	2.804
0.67741935483871		3.184	3.177	3.153	3.046	2.969	2.785
0.709677419354839		3.098	3.095	3.082	2.936	2.901	2.743
0.741935483870968		3.01	3.003	2.979	2.932	2.895	2.68
0.774193548387097		2.831	2.826	2.807	2.77	2.738	2.512
0.806451612903226		2.717	2.713	2.696	2.235	2.207	2.066
0.838709677419355		2.292	2.288	2.27	2.203	2.173	2.06
0.870967741935484		2.143	2.14	2.127	2.106	1.949	1.766
0.903225806451613		2.034	2.028	2.01	1.975	1.941	1.652
0.935483870967742		0.8761	0.8744	0.8675	0.848	0.8321	0.7063
0.967741935483871		0.5681	0.567	0.5624	0.4341	0.3777	0.2325
0.1	4.6996	4.6896	4.6043	4.5646	4.5012	3.9951

Average of yearly averages: 2.90132666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: mycloGrd67
Metfile: w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.112	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	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.112	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.112	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.112	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.112	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.112	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 berryAir.out
Chemical: Myclobutanil
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    1.571   1.569   1.559   1.399   1.321   0.8158
1962    6.868   6.848   6.768   6.619   6.182   3.086
1963    7.181   7.17    7.122   7.013   6.946   6.478
1964    7.287   7.275   7.231   7.12    7.052   6.579
1965    7.406   7.396   7.349   7.243   7.177   6.745
1966    7.816   7.803   7.749   7.631   7.564   7.165
1967    8.451   8.437   8.381   8.263   8.176   7.633
1968    8.232   8.22    8.164   8.044   7.97    7.509
1969    8.391   8.377   8.319   8.216   8.088   7.702
1970    8.754   8.74    8.682   8.559   8.48    8.02
1971    8.618   8.605   8.549   8.428   8.352   7.851
1972    9.349   9.336   9.272   9.162   8.978   8.016
1973    9.586   9.572   9.504   9.371   9.282   8.895
1974    9.581   9.566   9.504   9.375   9.286   8.788
1975    9.227   9.214   9.154   9.03    8.948   8.488
1976    9.015   9.001   8.936   8.807   8.721   8.224
1977    9.056   9.043   8.984   8.859   8.776   8.333
1978    9.028   9.015   8.956   8.833   8.753   8.275
1979    8.928   8.914   8.854   8.728   8.643   8.267
1980    9.136   9.122   9.062   8.937   8.855   8.393
1981    9.28    9.265   9.195   9.062   8.976   8.635
1982    9.683   9.669   9.607   9.48    9.393   9.016
1983    9.802   9.787   9.721   9.587   9.489   9.026
1984    9.38    9.366   9.306   9.177   9.085   8.709
1985    9.449   9.435   9.37    9.233   9.138   8.693
1986    9.234   9.22    9.156   9.027   8.941   8.463
1987    8.992   8.977   8.915   8.787   8.7     8.233
1988    8.675   8.66    8.608   8.481   8.395   7.914
1989    8.383   8.369   8.309   8.183   8.103   7.733
1990    8.866   8.85    8.785   8.645   8.544   7.947

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       9.802   9.787   9.721   9.587   9.489   9.026
0.0645161290322581      9.683   9.669   9.607   9.48    9.393   9.016
0.0967741935483871      9.586   9.572   9.504   9.375   9.286   8.895
0.129032258064516       9.581   9.566   9.504   9.371   9.282   8.788
0.161290322580645       9.449   9.435   9.37    9.233   9.138   8.709
0.193548387096774       9.38    9.366   9.306   9.177   9.085   8.693
0.225806451612903       9.349   9.336   9.272   9.162   8.978   8.635
0.258064516129032       9.28    9.265   9.195   9.062   8.976   8.488
0.290322580645161       9.234   9.22    9.156   9.03    8.948   8.463
0.32258064516129        9.227   9.214   9.154   9.027   8.941   8.393
0.354838709677419       9.136   9.122   9.062   8.937   8.855   8.333
0.387096774193548       9.056   9.043   8.984   8.859   8.776   8.275
0.419354838709677       9.028   9.015   8.956   8.833   8.753   8.267
0.451612903225806       9.015   9.001   8.936   8.807   8.721   8.233
0.483870967741936       8.992   8.977   8.915   8.787   8.7     8.224
0.516129032258065       8.928   8.914   8.854   8.728   8.643   8.02
0.548387096774194       8.866   8.85    8.785   8.645   8.544   8.016
0.580645161290323       8.754   8.74    8.682   8.559   8.48    7.947
0.612903225806452       8.675   8.66    8.608   8.481   8.395   7.914
0.645161290322581       8.618   8.605   8.549   8.428   8.352   7.851
0.67741935483871        8.451   8.437   8.381   8.263   8.176   7.733
0.709677419354839       8.391   8.377   8.319   8.216   8.103   7.702
0.741935483870968       8.383   8.369   8.309   8.183   8.088   7.633
0.774193548387097       8.232   8.22    8.164   8.044   7.97    7.509
0.806451612903226       7.816   7.803   7.749   7.631   7.564   7.165
0.838709677419355       7.406   7.396   7.349   7.243   7.177   6.745
0.870967741935484       7.287   7.275   7.231   7.12    7.052   6.579
0.903225806451613       7.181   7.17    7.122   7.013   6.946   6.478
0.935483870967742       6.868   6.848   6.768   6.619   6.182   3.086
```

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0.967741935483871     1.571   1.569   1.559   1.399   1.321   0.8158

0.1     9.5855  9.5714  9.504   9.3746  9.2856  8.8843
                                        Average of yearly averages:   7.65439333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: berryAir
Metfile:        w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    01-05   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        10      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        10      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        10      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 berryGrd.out
Chemical: Myclobutanil
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    0.6958  0.6941  0.688   0.5156  0.4255  0.2076
1962    5.387   5.369   5.297   5.163   4.711   1.728
1963    4.936   4.929   4.9     4.837   4.79    4.577
1964    4.326   4.322   4.308   4.284   4.256   4.134
1965    4.092   4.087   4.076   3.972   3.897   3.845
1966    4.341   4.338   4.321   4.138   3.969   3.9
1967    4.37    4.363   4.338   4.278   4.238   4.095
1968    3.921   3.917   3.907   3.875   3.846   3.751
1969    4.388   4.38    4.345   4.288   4.159   3.754
1970    4.223   4.218   4.198   4.151   4.115   3.968
1971    3.85    3.846   3.828   3.793   3.766   3.652
1972    5.043   5.035   4.991   4.924   4.744   3.71
1973    4.771   4.766   4.744   4.693   4.655   4.541
1974    4.644   4.64    4.62    4.577   4.543   4.357
1975    4.139   4.134   4.111   4.081   4.059   3.967
1976    3.838   3.832   3.808   3.772   3.745   3.632
1977    3.966   3.96    3.937   3.833   3.802   3.722
1978    3.913   3.909   3.892   3.849   3.816   3.673
1979    4.061   4.053   4.038   3.998   3.846   3.653
1980    4.015   4.011   3.992   3.949   3.916   3.795
1981    4.718   4.71    4.678   4.558   4.308   4.034
1982    4.81    4.803   4.782   4.683   4.52    4.403
1983    4.699   4.694   4.674   4.628   4.59    4.421
1984    4.502   4.495   4.471   4.398   4.275   4.167
1985    4.38    4.376   4.359   4.319   4.287   4.15
1986    4.184   4.181   4.163   4.117   4.08    3.91
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1987    3.883   3.879   3.862   3.832   3.806   3.679
1988    3.581   3.577   3.563   3.527   3.499   3.386
1989    3.495   3.49    3.471   3.414   3.343   3.194
1990    3.751   3.744   3.719   3.667   3.623   3.413

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       5.387   5.369   5.297   5.163   4.79    4.577
0.0645161290322581      5.043   5.035   4.991   4.924   4.744   4.541
0.0967741935483871      4.936   4.929   4.9     4.837   4.711   4.421
0.129032258064516       4.81    4.803   4.782   4.693   4.655   4.403
0.161290322580645       4.771   4.766   4.744   4.683   4.59    4.357
0.193548387096774       4.718   4.71    4.678   4.628   4.543   4.167
0.225806451612903       4.699   4.694   4.674   4.577   4.52    4.15
0.258064516129032       4.644   4.64    4.62    4.558   4.308   4.134
0.290322580645161       4.502   4.495   4.471   4.398   4.287   4.095
0.32258064516129        4.388   4.38    4.359   4.319   4.275   4.034
0.354838709677419       4.38    4.376   4.345   4.288   4.256   3.968
0.387096774193548       4.37    4.363   4.338   4.284   4.238   3.967
0.419354838709677       4.341   4.338   4.321   4.278   4.159   3.91
0.451612903225806       4.326   4.322   4.308   4.151   4.115   3.9
0.483870967741936       4.223   4.218   4.198   4.138   4.08    3.845
0.516129032258065       4.184   4.181   4.163   4.117   4.059   3.795
0.548387096774194       4.139   4.134   4.111   4.081   3.969   3.754
0.580645161290323       4.092   4.087   4.076   3.998   3.916   3.751
0.612903225806452       4.061   4.053   4.038   3.972   3.897   3.722
0.645161290322581       4.015   4.011   3.992   3.949   3.846   3.71
0.67741935483871        3.966   3.96    3.937   3.875   3.846   3.679
0.709677419354839       3.921   3.917   3.907   3.849   3.816   3.673
0.741935483870968       3.913   3.909   3.892   3.833   3.806   3.653
0.774193548387097       3.883   3.879   3.862   3.832   3.802   3.652
0.806451612903226       3.85    3.846   3.828   3.793   3.766   3.632
0.838709677419355       3.838   3.832   3.808   3.772   3.745   3.413
0.870967741935484       3.751   3.744   3.719   3.667   3.623   3.386
0.903225806451613       3.581   3.577   3.563   3.527   3.499   3.194
0.935483870967742       3.495   3.49    3.471   3.414   3.343   1.728
0.967741935483871       0.6958  0.6941  0.688   0.5156  0.4255  0.2076

0.1     4.9234  4.9164  4.8882  4.8226  4.7054  4.4192
                                        Average of yearly averages:   3.71395333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: berryGrd
Metfile:        w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    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
Interval 1      interval        10      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        10      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        10      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 currantAir.out
Chemical: Myclobutanil
PRZM environment: CAWineGrapesRLF_V2.txt modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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	3.291	3.286	3.266	2.895	2.713	1.586
1962	13.87	13.83	13.67	13.37	12.5	6.239
1963	14.3	14.28	14.19	14	13.87	13.01
1964	14.51	14.49	14.39	14.2	14.07	13.23
1965	14.87	14.85	14.75	14.57	14.44	13.65
1966	15.62	15.6	15.49	15.31	15.17	14.47
1967	16.78	16.76	16.65	16.45	16.3	15.35
1968	16.52	16.5	16.39	16.19	16.05	15.23
1969	17.09	17.06	16.94	16.73	16.47	15.63
1970	17.55	17.53	17.41	17.21	17.06	16.25
1971	17.31	17.29	17.18	16.98	16.83	15.93
1972	19.03	19	18.87	18.65	18.27	16.25
1973	19.19	19.16	19.03	18.83	18.67	18.01
1974	19.17	19.14	19.02	18.81	18.65	17.76
1975	18.45	18.43	18.31	18.11	17.96	17.14
1976	17.98	17.95	17.83	17.63	17.47	16.59
1977	18.06	18.03	17.91	17.71	17.56	16.78
1978	18.01	17.99	17.87	17.67	17.52	16.67
1979	17.78	17.75	17.63	17.43	17.27	16.64
1980	18.21	18.18	18.06	17.86	17.71	16.89
1981	18.7	18.67	18.56	18.29	17.96	17.39
1982	19.31	19.28	19.16	18.95	18.8	18.15
1983	19.51	19.48	19.35	19.13	18.96	18.16
1984	18.7	18.67	18.54	18.33	18.16	17.53
1985	18.8	18.77	18.63	18.42	18.26	17.5
1986	18.48	18.45	18.32	18.12	17.97	17.12
1987	17.98	17.95	17.82	17.62	17.46	16.64
1988	17.34	17.31	17.19	16.98	16.82	15.98
1989	16.79	16.77	16.65	16.45	16.3	15.67
1990	17.55	17.52	17.39	17.18	17.02	15.98

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			19.51	19.48	19.35	19.13	18.96	18.16
0.0645161290322581			19.31	19.28	19.16	18.95	18.8	18.15
0.0967741935483871			19.19	19.16	19.03	18.83	18.67	18.01
0.129032258064516			19.17	19.14	19.02	18.81	18.65	17.76
0.161290322580645			19.03	19	18.87	18.65	18.27	17.53
0.193548387096774			18.8	18.77	18.63	18.42	18.26	17.5
0.225806451612903			18.7	18.67	18.56	18.33	18.16	17.39
0.258064516129032			18.7	18.67	18.54	18.29	17.97	17.14
0.290322580645161			18.48	18.45	18.32	18.12	17.96	17.12
0.32258064516129			18.45	18.43	18.31	18.11	17.96	16.89
0.354838709677419			18.21	18.18	18.06	17.86	17.71	16.78
0.387096774193548			18.06	18.03	17.91	17.71	17.56	16.67
0.419354838709677			18.01	17.99	17.87	17.67	17.52	16.64
0.451612903225806			17.98	17.95	17.83	17.63	17.47	16.64
0.483870967741936			17.98	17.95	17.82	17.62	17.46	16.59
0.516129032258065			17.78	17.75	17.63	17.43	17.27	16.25
0.548387096774194			17.55	17.53	17.41	17.21	17.06	16.25
0.580645161290323			17.55	17.52	17.39	17.18	17.02	15.98
0.612903225806452			17.34	17.31	17.19	16.98	16.83	15.98
0.645161290322581			17.31	17.29	17.18	16.98	16.82	15.93
0.67741935483871			17.09	17.06	16.94	16.73	16.47	15.67
0.709677419354839			16.79	16.77	16.65	16.45	16.3	15.63
0.741935483870968			16.78	16.76	16.65	16.45	16.3	15.35
0.774193548387097			16.52	16.5	16.39	16.19	16.05	15.23
0.806451612903226			15.62	15.6	15.49	15.31	15.17	14.47
0.838709677419355			14.87	14.85	14.75	14.57	14.44	13.65
0.870967741935484			14.51	14.49	14.39	14.2	14.07	13.23
0.903225806451613			14.3	14.28	14.19	14	13.87	13.01
0.935483870967742			13.87	13.83	13.67	13.37	12.5	6.239
0.967741935483871			3.291	3.286	3.266	2.895	2.713	1.586

0.1	19.188	19.158	19.029	18.828	18.668	17.985	
						Average of yearly averages:	15.4475

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: currantAir

```
Metfile:       w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142    mg/L
Kd     Kd      2.39    mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp    0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7    0      days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.14    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-05   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval       7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval       7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval       7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14    kg/ha
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14    kg/ha
Interval 6     interval       7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.14    kg/ha
Interval 7     interval       7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.14    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 currantGrd.out
Chemical: Myclobutanil
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    1.534   1.531   1.517   1.119   0.9106  0.4167
1962    10.89   10.85   10.71   10.44   9.535   3.564
1963    9.981   9.967   9.909   9.783   9.687   9.242
1964    8.745   8.737   8.709   8.66    8.602   8.365
1965    8.373   8.361   8.34    8.131   8.015   7.881
1966    8.859   8.854   8.819   8.447   8.106   7.959
1967    8.719   8.71    8.67    8.582   8.514   8.284
1968    8.106   8.098   8.08    8.016   7.955   7.736
1969    9.043   9.025   8.954   8.836   8.574   7.749
1970    8.702   8.691   8.65    8.553   8.478   8.162
1971    7.969   7.961   7.93    7.859   7.802   7.544
1972    10.37   10.36   10.27   10.13   9.762   7.645
1973    9.815   9.804   9.758   9.655   9.576   9.315
1974    9.52    9.51    9.471   9.383   9.314   8.912
1975    8.421   8.414   8.383   8.357   8.313   8.106
1976    7.776   7.732   7.704   7.64    7.619   7.408
1977    8.089   8.077   8.03    7.808   7.745   7.566
1978    7.982   7.974   7.939   7.851   7.783   7.471
1979    8.257   8.241   8.21    8.129   7.817   7.41
1980    8.164   8.154   8.117   8.029   7.961   7.7
1981    9.589   9.574   9.509   9.267   8.76    8.195
1982    9.745   9.732   9.69    9.491   9.167   8.927
1983    9.521   9.511   9.471   9.377   9.3     8.947
1984    9.134   9.121   9.072   8.924   8.676   8.447
1985    8.887   8.878   8.844   8.763   8.699   8.416
1986    8.614   8.607   8.572   8.475   8.399   8.025
1987    7.973   7.964   7.929   7.867   7.814   7.533
```

```
1988    7.334   7.327   7.298   7.225   7.166   6.921
1989    7.205   7.195   7.157   7.041   6.898   6.597
1990    7.409   7.397   7.365   7.306   7.235   6.912

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       10.89   10.85   10.71   10.44   9.762   9.315
0.0645161290322581      10.37   10.36   10.27   10.13   9.687   9.242
0.0967741935483871      9.981   9.967   9.909   9.783   9.576   8.947
0.129032258064516       9.815   9.804   9.758   9.655   9.535   8.927
0.161290322580645       9.745   9.732   9.69    9.491   9.314   8.912
0.193548387096774       9.589   9.574   9.509   9.383   9.3     8.447
0.225806451612903       9.521   9.511   9.471   9.377   9.167   8.416
0.258064516129032       9.52    9.51    9.471   9.267   8.76    8.365
0.290322580645161       9.134   9.121   9.072   8.924   8.699   8.284
0.32258064516129        9.043   9.025   8.954   8.836   8.676   8.195
0.354838709677419       8.887   8.878   8.844   8.763   8.602   8.162
0.387096774193548       8.859   8.854   8.819   8.66    8.574   8.106
0.419354838709677       8.745   8.737   8.709   8.582   8.514   8.025
0.451612903225806       8.719   8.71    8.67    8.553   8.478   7.959
0.483870967741936       8.702   8.691   8.65    8.475   8.399   7.881
0.516129032258065       8.614   8.607   8.572   8.447   8.313   7.749
0.548387096774194       8.421   8.414   8.383   8.357   8.106   7.736
0.580645161290323       8.373   8.361   8.34    8.131   8.015   7.7
0.612903225806452       8.257   8.241   8.21    8.129   7.961   7.645
0.645161290322581       8.164   8.154   8.117   8.029   7.955   7.566
0.67741935483871        8.106   8.098   8.08    8.016   7.817   7.544
0.709677419354839       8.089   8.077   8.03    7.867   7.814   7.533
0.741935483870968       7.982   7.974   7.939   7.859   7.802   7.471
0.774193548387097       7.973   7.964   7.93    7.851   7.783   7.41
0.806451612903226       7.969   7.961   7.929   7.808   7.745   7.408
0.838709677419355       7.776   7.732   7.704   7.64    7.619   6.921
0.870967741935484       7.409   7.397   7.365   7.306   7.235   6.912
0.903225806451613       7.334   7.327   7.298   7.225   7.166   6.597
0.935483870967742       7.205   7.195   7.157   7.041   6.898   3.564
0.967741935483871       1.534   1.531   1.517   1.119   0.9106  0.4167

0.1     9.9644  9.9507  9.8939  9.7702  9.5719  8.945
                                        Average of yearly averages:   7.57852333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: currantGrd
Metfile:        w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    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
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.14    kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.14    kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.14    kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0.14    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 LettuceAir9.out
Chemical: Myclobutanil
PRZM environment: CAlettuceSTD.txt    modified Tueday, 21 February 2006 at 15:38:22
EXAMS environment: pond298.exvmodified 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    11.51   11.48   11.35   7.6     5.471   1.397
1962    12.92   12.9    12.82   12.63   12.49   12
1963    17.43   17.4    17.31   16.98   16.63   15.12
1964    25.27   25.22   25.04   24.47   22.03   17.66
1965    28.57   28.53   28.36   26.25   24.67   22.99
1966    30.75   30.71   30.52   28.7    27.38   26.29
1967    30.69   30.65   30.5    30.22   30.06   28.5
1968    30.4    30.36   30.17   30.09   29.5    27.57
1969    29.92   29.89   29.78   29.57   29.39   27.86
1970    32.94   32.89   32.43   29.62   28.32   27.2
1971    32.68   32.64   32.45   32.06   31.77   29.77
1972    32.39   32.34   32.14   31.07   29.53   27.71
1973    31.95   31.91   31.52   31.18   30.93   29.4
1974    41.61   41.54   40.75   35.72   33.41   30.69
1975    41.55   41.52   41.32   41.09   40.89   38.3
1976    38.93   38.86   38.74   38.35   38      36.18
1977    40.45   40.38   39.03   38.63   38.35   36.04
1978    41.08   41.04   40.93   40.49   40.12   38.11
1979    38.85   38.82   38.7    38.45   38.21   35.84
1980    38      37.96   37.79   37.46   37.18   35.03
1981    38.38   38.35   38.16   37.9    37.62   35.58
1982    35.19   35.16   35.09   34.9    34.66   33.05
1983    34.27   34.23   34.08   33.85   33.59   31.98
1984    33.06   33.03   32.87   32.54   32.28   30.33
1985    32.17   32.12   31.95   31.04   30.81   29.29
1986    31.57   31.53   31.38   31.12   30.94   29.55
1987    32      31.97   31.75   31.5    31.25   30
1988    31.96   31.93   31.82   31.49   31.22   29.24
1989    31.51   31.48   31.33   31.02   30.78   28.7
1990    27.9    27.87   27.76   27.62   27.45   25.8

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       41.61   41.54   41.32   41.09   40.89   38.3
0.0645161290322581      41.55   41.52   40.93   40.49   40.12   38.11
0.0967741935483871      41.08   41.04   40.75   38.63   38.35   36.18
0.129032258064516       40.45   40.38   39.03   38.45   38.21   36.04
0.161290322580645       38.93   38.86   38.74   38.35   38      35.84
0.193548387096774       38.85   38.82   38.7    37.9    37.62   35.58
0.225806451612903       38.38   38.35   38.16   37.46   37.18   35.03
0.258064516129032       38      37.96   37.79   35.72   34.66   33.05
0.290322580645161       35.19   35.16   35.09   34.9    33.59   31.98
0.32258064516129        34.27   34.23   34.08   33.85   33.41   30.69
0.354838709677419       33.06   33.03   32.87   32.54   32.28   30.33
0.387096774193548       32.94   32.89   32.45   32.06   31.77   30
0.419354838709677       32.68   32.64   32.43   31.5    31.25   29.77
0.451612903225806       32.39   32.34   32.14   31.49   31.22   29.55
0.483870967741936       32.17   32.12   31.95   31.18   30.94   29.4
0.516129032258065       32      31.97   31.82   31.12   30.93   29.29
0.548387096774194       31.96   31.93   31.75   31.07   30.81   29.24
0.580645161290323       31.95   31.91   31.52   31.04   30.78   28.7
0.612903225806452       31.57   31.53   31.38   31.02   30.06   28.5
0.645161290322581       31.51   31.48   31.33   30.22   29.53   27.86
0.67741935483871        30.75   30.71   30.52   30.09   29.5    27.71
0.709677419354839       30.69   30.65   30.5    29.62   29.39   27.57
0.741935483870968       30.4    30.36   30.17   29.57   28.32   27.2
0.774193548387097       29.92   29.89   29.78   28.7    27.45   26.29
0.806451612903226       28.57   28.53   28.36   27.62   27.38   25.8
0.838709677419355       27.9    27.87   27.76   26.25   24.67   22.99
0.870967741935484       25.27   25.22   25.04   24.47   22.03   17.66
0.903225806451613       17.43   17.4    17.31   16.98   16.63   15.12
0.935483870967742       12.92   12.9    12.82   12.63   12.49   12
0.967741935483871       11.51   11.48   11.35   7.6     5.471   1.397
```

0.1 41.017 40.974 40.578 38.612 38.336 36.166
Average of yearly averages: 28.2392333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: LettuceAir9
Metfile: w23273.dvf
PRZM scenario: CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	02-9	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 LettuceGrd3.out
Chemical: Myclobutanil
PRZM environment: CAlettuceSTD.txt modified Tueday, 21 February 2006 at 15:38:22
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23273.dvf modified Wedday, 3 July 2002 at 09:04:22
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	7.062	7.04	6.953	4.407	3.014	0.8775
1962	8.05	8.035	7.986	7.977	7.951	7.448
1963	14.97	14.94	14.88	14.69	14.54	12.74
1964	16.12	16.09	16	15.72	14.74	13.44
1965	17.64	17.62	17.53	17.02	16.85	16.04
1966	20.29	20.25	20.12	18.32	17.15	16.47
1967	20.96	20.94	20.83	20.64	20.52	19.61
1968	19.19	19.17	19.07	19.03	18.65	17.75
1969	20.6	20.57	20.49	20.24	20.04	18.96
1970	24.1	24.06	23.57	20.81	19.55	18.69
1971	24.13	24.09	23.96	23.64	23.41	22.71
1972	24.07	24.03	23.88	22.95	21.63	20.57
1973	24.16	24.14	24.06	23.83	23.61	22.72
1974	27.75	27.71	27.37	24.9	24.09	23.52
1975	27.92	27.89	27.78	27.59	27.51	26.05
1976	28.52	28.5	28.32	27.9	27.61	25.45
1977	30.57	30.54	30.38	29.97	29.64	27.73
1978	29.25	29.21	29.13	28.92	28.81	27.82
1979	27.27	27.24	27.14	26.87	26.71	25.53
1980	26.18	26.15	26.04	25.86	25.82	24.35
1981	27.42	27.39	27.27	27.01	26.84	25.1
1982	26.76	26.72	26.59	26.3	26.08	24.57
1983	24.41	24.38	24.25	24.06	23.97	22.77
1984	20.95	20.93	20.84	20.65	20.54	19.33
1985	20.7	20.68	20.56	19.81	19.71	18.75
1986	23.73	23.69	23.59	23.28	23.04	21.73
1987	24.48	24.46	24.38	24.19	23.99	22.77

```
1988    26.14   26.11   25.94   25.59   25.33   23.72
1989    23.1    23.08   23      22.8    22.67   21.1
1990    20.15   20.12   20.05   20      19.92   18.64

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       30.57   30.54   30.38   29.97   29.64   27.82
0.0645161290322581      29.25   29.21   29.13   28.92   28.81   27.73
0.0967741935483871      28.52   28.5    28.32   27.9    27.61   26.05
0.129032258064516       27.92   27.89   27.78   27.59   27.51   25.53
0.161290322580645       27.75   27.71   27.37   27.01   26.84   25.45
0.193548387096774       27.42   27.39   27.27   26.87   26.71   25.1
0.225806451612903       27.27   27.24   27.14   26.3    26.08   24.57
0.258064516129032       26.76   26.72   26.59   25.86   25.82   24.35
0.290322580645161       26.18   26.15   26.04   25.59   25.33   23.72
0.32258064516129        26.14   26.11   25.94   24.9    24.09   23.52
0.354838709677419       24.48   24.46   24.38   24.19   23.99   22.77
0.387096774193548       24.41   24.38   24.25   24.06   23.97   22.77
0.419354838709677       24.16   24.14   24.06   23.83   23.61   22.72
0.451612903225806       24.13   24.09   23.96   23.64   23.41   22.71
0.483870967741936       24.1    24.06   23.88   23.28   23.04   21.73
0.516129032258065       24.07   24.03   23.59   22.95   22.67   21.1
0.548387096774194       23.73   23.69   23.57   22.8    21.63   20.57
0.580645161290323       23.1    23.08   23      20.81   20.54   19.61
0.612903225806452       20.96   20.94   20.84   20.65   20.52   19.33
0.645161290322581       20.95   20.93   20.83   20.64   20.04   18.96
0.67741935483871        20.7    20.68   20.56   20.24   19.92   18.75
0.709677419354839       20.6    20.57   20.49   20      19.71   18.69
0.741935483870968       20.29   20.25   20.12   19.81   19.55   18.64
0.774193548387097       20.15   20.12   20.05   19.03   18.65   17.75
0.806451612903226       19.19   19.17   19.07   18.32   17.15   16.47
0.838709677419355       17.64   17.62   17.53   17.02   16.85   16.04
0.870967741935484       16.12   16.09   16      15.72   14.74   13.44
0.903225806451613       14.97   14.94   14.88   14.69   14.54   12.74
0.935483870967742       8.05    8.035   7.986   7.977   7.951   7.448
0.967741935483871       7.062   7.04    6.953   4.407   3.014   0.8775

0.1     28.46   28.439  28.266  27.869  27.6    25.998
                                        Average of yearly averages:   20.23185

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: LettuceGrd3
Metfile:        w23273.dvf
PRZM scenario: CAlettuceSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    02-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 LettuceGrd9.out
```

Chemical: Myclobutanil
PRZM environment: CAlettuceSTD.txt modified Tueday, 21 February 2006 at 15:38:22
EXAMS environment: pond298.exvmodified 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	10.93	10.9	10.77	6.853	4.649	1.156
1962	12.45	12.43	12.35	12.17	12.03	11.28
1963	15.57	15.54	15.46	15.12	14.76	13.78
1964	23.13	23.09	22.92	22.34	19.79	15.81
1965	26.15	26.11	25.96	23.75	22.1	20.87
1966	28.11	28.06	27.89	25.95	25.08	23.91
1967	28.15	28.12	27.98	27.67	27.54	25.9
1968	27.18	27.15	26.98	26.86	26.28	24.7
1969	26.86	26.84	26.74	26.53	26.37	24.8
1970	29.59	29.55	29.06	26.08	24.78	23.97
1971	29.36	29.32	29.14	28.78	28.52	26.46
1972	28.64	28.6	28.41	27.31	25.69	24.19
1973	28.22	28.18	27.8	27.59	27.37	25.85
1974	38.2	38.13	37.28	31.98	29.55	27.1
1975	38.24	38.21	38.02	37.76	37.59	34.96
1976	35.29	35.23	35.06	34.59	34.25	32.71
1977	36.93	36.87	35.49	35.12	34.87	32.56
1978	37.61	37.57	37.48	37.08	36.73	34.74
1979	35.3	35.27	35.16	34.92	34.7	32.34
1980	34.39	34.35	34.19	33.9	33.65	31.48
1981	34.84	34.81	34.63	34.39	34.14	32.05
1982	31.43	31.41	31.34	31.19	30.98	29.4
1983	30.43	30.4	30.26	30.08	29.85	28.32
1984	29.29	29.25	29.12	28.82	28.59	26.68
1985	28.29	28.25	28.09	27.29	27.08	25.61
1986	27.75	27.71	27.56	27.37	27.22	25.87
1987	28.12	28.09	27.84	27.57	27.49	26.29
1988	28.08	28.06	27.96	27.68	27.44	25.49
1989	27.61	27.58	27.45	27.18	26.96	24.89
1990	23.88	23.85	23.76	23.66	23.51	21.87

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			38.24	38.21	38.02	37.76	37.59	34.96
0.0645161290322581			38.2	38.13	37.48	37.08	36.73	34.74
0.0967741935483871			37.61	37.57	37.28	35.12	34.87	32.71
0.129032258064516			36.93	36.87	35.49	34.92	34.7	32.56
0.161290322580645			35.3	35.27	35.16	34.59	34.25	32.34
0.193548387096774			35.29	35.23	35.06	34.39	34.14	32.05
0.225806451612903			34.84	34.81	34.63	33.9	33.65	31.48
0.258064516129032			34.39	34.35	34.19	31.98	30.98	29.4
0.290322580645161			31.43	31.41	31.34	31.19	29.85	28.32
0.32258064516129			30.43	30.4	30.26	30.08	29.55	27.1
0.354838709677419			29.59	29.55	29.14	28.82	28.59	26.68
0.387096774193548			29.36	29.32	29.12	28.78	28.52	26.46
0.419354838709677			29.29	29.25	29.06	27.68	27.54	26.29
0.451612903225806			28.64	28.6	28.41	27.67	27.49	25.9
0.483870967741936			28.29	28.25	28.09	27.59	27.44	25.87
0.516129032258065			28.22	28.18	27.98	27.57	27.37	25.85
0.548387096774194			28.15	28.12	27.96	27.37	27.22	25.61
0.580645161290323			28.12	28.09	27.89	27.31	27.08	25.49
0.612903225806452			28.11	28.06	27.84	27.29	26.96	24.89
0.645161290322581			28.08	28.06	27.8	27.18	26.37	24.8
0.67741935483871			27.75	27.71	27.56	26.86	26.28	24.7
0.709677419354839			27.61	27.58	27.45	26.53	25.69	24.19
0.741935483870968			27.18	27.15	26.98	26.08	25.08	23.97
0.774193548387097			26.86	26.84	26.74	25.95	24.78	23.91
0.806451612903226			26.15	26.11	25.96	23.75	23.51	21.87
0.838709677419355			23.88	23.85	23.76	23.66	22.1	20.87
0.870967741935484			23.13	23.09	22.92	22.34	19.79	15.81
0.903225806451613			15.57	15.54	15.46	15.12	14.76	13.78
0.935483870967742			12.45	12.43	12.35	12.17	12.03	11.28
0.967741935483871			10.93	10.9	10.77	6.853	4.649	1.156
0.1	37.542	37.5	37.101	35.1	34.853	32.695		

Average of yearly averages: 25.1678666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: LettuceGrd9
Metfile: w23273.dvf
PRZM scenario: CAlettuceSTD.txt
EXAMS environment file: pond298.exv

Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	02-9	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 MelonAir6.out
Chemical: Myclobutanil
PRZM environment: CAMelonsRLF_V2.txt modified Wedday, 26 March 2008 at 10:33:26
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.412	4.401	4.358	3.149	2.55	1.027
1962	5.673	5.652	5.565	5.419	5.32	4.831
1963	8.94	8.928	8.882	8.684	8.355	7.618
1964	10.45	10.43	10.38	10.25	9.628	8.78
1965	10.66	10.62	10.58	10.22	10.1	9.895
1966	12.08	12.06	12	10.59	10.44	10.14
1967	12.01	11.96	11.88	11.82	11.76	11.23
1968	13.27	13.26	13.18	13.06	12.29	11.05
1969	13.24	13.23	13.2	13.12	13.04	12.34
1970	15.38	15.36	15.11	13.61	13.5	12.95
1971	15.28	15.26	15.19	15.03	14.91	14
1972	15.05	15.02	14.95	14.43	13.74	13.28
1973	14.74	14.73	14.69	14.56	14.45	13.63
1974	13.55	13.53	13.48	13.31	13.22	12.72
1975	13.5	13.49	13.44	13.34	13.25	12.69
1976	16.52	16.48	16.34	16.13	16.04	14.12
1977	16.42	16.4	15.79	15.65	15.54	14.55
1978	16.58	16.57	16.48	16.37	16.24	15.45
1979	15.38	15.37	15.32	15.22	15.12	14.05
1980	13.67	13.66	13.6	13.5	13.41	12.61
1981	14.08	14.06	13.98	13.88	13.75	12.72
1982	14.05	14.03	13.98	13.81	13.4	12.38
1983	13.91	13.89	13.84	13.74	13.63	12.98
1984	12.9	12.89	12.84	12.73	12.63	11.8
1985	11.75	11.74	11.7	11.5	11.42	10.99
1986	14.16	14.14	12.27	11.44	11.34	10.78
1987	15.02	15	14.93	14.77	14.66	13.58
1988	12.63	12.62	12.6	12.52	12.45	11.85
1989	12.66	12.64	12.6	12.51	12.42	11.87
1990	12.7	12.69	12.64	12.55	12.44	11.66

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		16.58	16.57	16.48	16.37	16.24	15.45
0.0645161290322581		16.52	16.48	16.34	16.13	16.04	14.55
0.0967741935483871		16.42	16.4	15.79	15.65	15.54	14.12
0.129032258064516		15.38	15.37	15.32	15.22	15.12	14.05
0.161290322580645		15.38	15.36	15.19	15.03	14.91	14
0.193548387096774		15.28	15.26	15.11	14.77	14.66	13.63
0.225806451612903		15.05	15.02	14.95	14.56	14.45	13.58

```
0.258064516129032      15.02   15      14.93   14.43   13.75   13.28
0.290322580645161      14.74   14.73   14.69   13.88   13.74   12.98
0.32258064516129       14.16   14.14   13.98   13.81   13.63   12.95
0.354838709677419      14.08   14.06   13.98   13.74   13.5    12.72
0.387096774193548      14.05   14.03   13.84   13.61   13.41   12.72
0.419354838709677      13.91   13.89   13.6    13.5    13.4    12.69
0.451612903225806      13.67   13.66   13.48   13.34   13.25   12.61
0.483870967741936      13.55   13.53   13.44   13.31   13.22   12.38
0.516129032258065      13.5    13.49   13.2    13.12   13.04   12.34
0.548387096774194      13.27   13.26   13.18   13.06   12.63   11.87
0.580645161290323      13.24   13.23   12.84   12.73   12.45   11.85
0.612903225806452      12.9    12.89   12.64   12.55   12.44   11.8
0.645161290322581      12.7    12.69   12.6    12.52   12.42   11.66
0.67741935483871       12.66   12.64   12.6    12.51   12.29   11.23
0.709677419354839      12.63   12.62   12.27   11.82   11.76   11.05
0.741935483870968      12.08   12.06   12      11.5    11.42   10.99
0.774193548387097      12.01   11.96   11.88   11.44   11.34   10.78
0.806451612903226      11.75   11.74   11.7    10.59   10.44   10.14
0.838709677419355      10.66   10.62   10.58   10.25   10.1    9.895
0.870967741935484      10.45   10.43   10.38   10.22   9.628   8.78
0.903225806451613      8.94    8.928   8.882   8.684   8.355   7.618
0.935483870967742      5.673   5.652   5.565   5.419   5.32    4.831
0.967741935483871      4.412   4.401   4.358   3.149   2.55    1.027

0.1     16.316  16.297  15.743  15.607  15.498  14.113
                                        Average of yearly averages:   11.5857

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: MelonAir6
Metfile:        w93193.dvf
PRZM scenario: CAMelonsRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.112   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 MelonGrd6.out
Chemical: Myclobutanil
PRZM environment: CAMelonsRLF_V2.txt  modified Wedday, 26 March 2008 at 10:33:26
EXAMS environment: pond298.exvmodified 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    3.503   3.492   3.452   2.185   1.549   0.4637
1962    3.863   3.859   3.835   3.774   3.723   3.485
```

1963	6.773	6.763	6.725	6.519	6.154	5.68
1964	7.868	7.855	7.811	7.693	7.013	6.351
1965	7.817	7.808	7.772	7.691	7.63	7.12
1966	9.045	9.031	8.975	7.687	7.628	7.095
1967	8.949	8.938	8.913	8.852	8.806	8.047
1968	10.03	10.02	9.943	9.78	8.948	7.75
1969	10.04	10.03	10.01	9.936	9.869	8.947
1970	12.06	12.05	11.78	10.35	10.27	9.503
1971	11.97	11.96	11.89	11.76	11.66	10.53
1972	11.54	11.52	11.45	10.92	10.34	9.73
1973	11.29	11.28	11.25	11.15	11.06	10.06
1974	9.998	9.987	9.94	9.831	9.76	9.103
1975	10	9.99	9.951	9.869	9.805	9.034
1976	12.73	12.7	12.58	12.42	12.36	10.43
1977	12.94	12.92	12.21	12.1	12.01	10.87
1978	13.14	13.13	13.06	12.96	12.85	11.91
1979	11.95	11.94	11.9	11.81	11.74	10.51
1980	10.25	10.24	10.19	10.12	10.05	9.055
1981	10.73	10.71	10.65	10.55	10.46	9.225
1982	10.57	10.56	10.51	10.33	9.862	8.849
1983	10.47	10.46	10.42	10.34	10.26	9.447
1984	9.463	9.454	9.415	9.332	9.259	8.314
1985	8.345	8.336	8.305	8.158	8.1	7.531
1986	10.92	10.9	8.947	8.121	8.056	7.343
1987	11.84	11.82	11.76	11.62	11.53	10.25
1988	9.324	9.316	9.289	9.238	9.192	8.418
1989	9.336	9.326	9.285	9.216	9.156	8.428
1990	9.356	9.345	9.308	9.246	9.164	8.189

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		13.14	13.13	13.06	12.96	12.85	11.91	
0.0645161290322581		12.94	12.92	12.58	12.42	12.36	10.87	
0.0967741935483871		12.73	12.7	12.21	12.1	12.01	10.53	
0.129032258064516		12.06	12.05	11.9	11.81	11.74	10.51	
0.161290322580645		11.97	11.96	11.89	11.76	11.66	10.43	
0.193548387096774		11.95	11.94	11.78	11.62	11.53	10.25	
0.225806451612903		11.84	11.82	11.76	11.15	11.06	10.06	
0.258064516129032		11.54	11.52	11.45	10.92	10.46	9.73	
0.290322580645161		11.29	11.28	11.25	10.55	10.34	9.503	
0.32258064516129		10.92	10.9	10.65	10.35	10.27	9.447	
0.354838709677419		10.73	10.71	10.51	10.34	10.26	9.225	
0.387096774193548		10.57	10.56	10.42	10.33	10.05	9.103	
0.419354838709677		10.47	10.46	10.19	10.12	9.869	9.055	
0.451612903225806		10.25	10.24	10.01	9.936	9.862	9.034	
0.483870967741936		10.04	10.03	9.951	9.869	9.805	8.947	
0.516129032258065		10.03	10.02	9.943	9.831	9.76	8.849	
0.548387096774194		10	9.99	9.94	9.78	9.259	8.428	
0.580645161290323		9.998	9.987	9.415	9.332	9.192	8.418	
0.612903225806452		9.463	9.454	9.308	9.246	9.164	8.314	
0.645161290322581		9.356	9.345	9.289	9.238	9.156	8.189	
0.67741935483871		9.336	9.326	9.285	9.216	8.948	8.047	
0.709677419354839		9.324	9.316	8.975	8.852	8.806	7.75	
0.741935483870968		9.045	9.031	8.947	8.158	8.1	7.531	
0.774193548387097		8.949	8.938	8.913	8.121	8.056	7.343	
0.806451612903226		8.345	8.336	8.305	7.693	7.63	7.12	
0.838709677419355		7.868	7.855	7.811	7.691	7.628	7.095	
0.870967741935484		7.817	7.808	7.772	7.687	7.013	6.351	
0.903225806451613		6.773	6.763	6.725	6.519	6.154	5.68	
0.935483870967742		3.863	3.859	3.835	3.774	3.723	3.485	
0.967741935483871		3.503	3.492	3.452	2.185	1.549	0.4637	

0.1	12.663	12.635	12.179	12.071	11.983	10.528	
					Average of yearly averages:		8.38892333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: MelonGrd6
Metfile: w93193.dvf
PRZM scenario: CAMelonsRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life

```
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.14    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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.112   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 nursAir.out
Chemical: Myclobutanil
PRZM environment: CAnurserySTD_V2.txt modified Tueday, 27 May 2008 at 11:16:22
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23188.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    6.958   6.944   6.888   5.814   5.497   2.361
1962    12.9    12.87   12.72   12.49   12.31   9.971
1963    16.99   16.94   16.75   16.39   16.25   13.64
1964    18.85   18.8    18.62   18.32   18.1    16.27
1965    33.78   33.71   33.55   30.07   26.67   20.44
1966    37.46   37.41   37.19   35.6    35.12   32.3
1967    42.15   42.09   41.78   39.17   37.54   35.72
1968    41.74   41.68   41.43   40.87   40.46   38.42
1969    48.14   48.09   47.84   47.46   47.04   44.39
1970    45.25   45.19   44.68   42.01   41.29   40.85
1971    46.52   46.43   46.09   45.48   44.7    42.97
1972    45.23   45.18   44.96   44.45   44.04   42.24
1973    42.57   42.52   42.3    41.79   41.39   39.61
1974    41.72   41.66   41.42   40.02   39.65   38.44
1975    41.23   41.18   40.96   40.46   40.18   38.67
1976    41.34   41.27   41      40.42   39.97   38.5
1977    42.36   42.26   41.87   40.99   40.38   36.97
1978    37.44   37.41   37.24   36.93   36.57   34.82
1979    33.99   33.95   33.81   33.48   33.18   31.99
1980    35.63   35.57   35.31   34.87   34.59   33.23
1981    39.53   39.48   39.22   35.31   33.93   32.21
1982    39.55   39.51   39.32   38.87   38.49   36.99
1983    36.68   36.62   36.41   36.07   35.74   34.02
1984    31.5    31.46   31.27   30.85   30.53   29.35
1985    39.34   39.28   39.16   36.02   33.39   29.48
1986    41.06   40.98   40.66   40.12   39.72   36.91
1987    38.82   38.79   38.63   38.19   37.84   36.68
1988    36.35   36.31   36.13   35.71   35.36   34.24
1989    35.64   35.6    35.42   35.01   34.68   33.37
1990    33.7    33.62   33.49   33.17   32.94   31.81

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      48.14   48.09   47.84   47.46   47.04   44.39
0.0645161290322581     46.52   46.43   46.09   45.48   44.7    42.97
0.0967741935483871     45.25   45.19   44.96   44.45   44.04   42.24
0.129032258064516      45.23   45.18   44.68   42.01   41.39   40.85
0.161290322580645      42.57   42.52   42.3    41.79   41.29   39.61
0.193548387096774      42.36   42.26   41.87   40.99   40.46   38.67
0.225806451612903      42.15   42.09   41.78   40.87   40.38   38.5
0.258064516129032      41.74   41.68   41.43   40.46   40.18   38.44
0.290322580645161      41.72   41.66   41.42   40.42   39.97   38.42
0.32258064516129       41.34   41.27   41      40.12   39.72   36.99
0.354838709677419      41.23   41.18   40.96   40.02   39.65   36.97
0.387096774193548      41.06   40.98   40.66   39.17   38.49   36.91
0.419354838709677      39.55   39.51   39.32   38.87   37.84   36.68
```

```
0.451612903225806      39.53   39.48   39.22   38.19   37.54   35.72
0.483870967741936      39.34   39.28   39.16   36.93   36.57   34.82
0.516129032258065      38.82   38.79   38.63   36.07   35.74   34.24
0.548387096774194      37.46   37.41   37.24   36.02   35.36   34.02
0.580645161290323      37.44   37.41   37.19   35.71   35.12   33.37
0.612903225806452      36.68   36.62   36.41   35.6    34.68   33.23
0.645161290322581      36.35   36.31   36.13   35.31   34.59   32.3
0.67741935483871       35.64   35.6    35.42   35.01   33.93   32.21
0.709677419354839      35.63   35.57   35.31   34.87   33.39   31.99
0.741935483870968      33.99   33.95   33.81   33.48   33.18   31.81
0.774193548387097      33.78   33.71   33.55   33.17   32.94   29.48
0.806451612903226      33.7    33.62   33.49   30.85   30.53   29.35
0.838709677419355      31.5    31.46   31.27   30.07   26.67   20.44
0.870967741935484      18.85   18.8    18.62   18.32   18.1    16.27
0.903225806451613      16.99   16.94   16.75   16.39   16.25   13.64
0.935483870967742      12.9    12.87   12.72   12.49   12.31   9.971
0.967741935483871      6.958   6.944   6.888   5.814   5.497   2.361

0.1     45.248  45.189  44.932  44.206  43.775  42.101
                                        Average of yearly averages:   32.2287333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: nursAir
Metfile:       w23188.dvf
PRZM scenario: CAnurserySTD_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw    502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs            days    Halfife
Aerobic Soil Metabolism       asm      251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.2912  kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-07   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.2912  kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.2912  kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.2912  kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.2912  kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.2912  kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.2912  kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.2016  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 nursGrd.out
Chemical: Myclobutanil
PRZM environment: CAnurserySTD_V2.txt modified Tueday, 27 May 2008 at 11:16:22
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23188.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    3.373   3.364   3.33    2.175   1.785   0.6415
1962    5.755   5.742   5.699   5.618   5.56    5.222
```

1963	7.881	7.868	7.818	7.615	7.553	6.499
1964	8.823	8.809	7.617	7.584	7.525	7.311
1965	23.12	23.08	22.92	19.2	15.5	10.11
1966	26.01	25.97	25.81	24.03	23.36	21.35
1967	30.38	30.33	30.02	27.12	25.24	24.15
1968	30.06	30.02	29.83	29.41	29.11	26.51
1969	36.52	36.48	36.28	35.95	35.63	32.26
1970	32.48	32.44	31.89	29.81	29.52	28.26
1971	32.81	32.75	32.51	32.09	31.45	30.12
1972	32.26	32.22	32.07	31.7	31.4	29.18
1973	29.35	29.31	29.16	28.8	28.52	26.27
1974	27.92	27.88	27.71	26.81	26.56	24.92
1975	27.68	27.64	27.48	27.13	26.97	24.97
1976	27.97	27.92	27.72	27.29	26.98	24.84
1977	26.98	26.93	26.7	26.14	25.75	23.49
1978	24.15	24.13	24	23.79	23.56	21.54
1979	20.69	20.67	20.56	20.38	20.2	18.68
1980	22.77	22.73	22.56	22.2	21.98	20.14
1981	26.52	26.49	26.31	22.15	20.53	19.23
1982	26.89	26.86	26.73	26.43	26.18	24.27
1983	23.85	23.82	23.67	23.51	23.31	21.27
1984	18.74	18.72	18.61	18.36	18.17	16.73
1985	26.62	26.57	26.46	23.15	20.24	16.85
1986	27.4	27.34	27.13	26.81	26.47	24.32
1987	26.02	25.99	25.9	25.61	25.37	23.72
1988	23.11	23.09	22.97	22.71	22.49	20.94
1989	22.17	22.14	22.02	21.75	21.54	19.82
1990	20.12	20.09	20	19.78	19.62	18.12

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		36.52	36.48	36.28	35.95	35.63	32.26
0.0645161290322581		32.81	32.75	32.51	32.09	31.45	30.12
0.0967741935483871		32.48	32.44	32.07	31.7	31.4	29.18
0.129032258064516		32.26	32.22	31.89	29.81	29.52	28.26
0.161290322580645		30.38	30.33	30.02	29.41	29.11	26.51
0.193548387096774		30.06	30.02	29.83	28.8	28.52	26.27
0.225806451612903		29.35	29.31	29.16	27.29	26.98	24.97
0.258064516129032		27.97	27.92	27.72	27.13	26.97	24.92
0.290322580645161		27.92	27.88	27.71	27.12	26.56	24.84
0.32258064516129		27.68	27.64	27.48	26.81	26.47	24.32
0.354838709677419		27.4	27.34	27.13	26.81	26.18	24.27
0.387096774193548		26.98	26.93	26.73	26.43	25.75	24.15
0.419354838709677		26.89	26.86	26.7	26.14	25.37	23.72
0.451612903225806		26.62	26.57	26.46	25.61	25.24	23.49
0.483870967741936		26.52	26.49	26.31	24.03	23.56	21.54
0.516129032258065		26.02	25.99	25.9	23.79	23.36	21.35
0.548387096774194		26.01	25.97	25.81	23.51	23.31	21.27
0.580645161290323		24.15	24.13	24	23.15	22.49	20.94
0.612903225806452		23.85	23.82	23.67	22.71	21.98	20.14
0.645161290322581		23.12	23.09	22.97	22.2	21.54	19.82
0.67741935483871		23.11	23.08	22.92	22.15	20.53	19.23
0.709677419354839		22.77	22.73	22.56	21.75	20.24	18.68
0.741935483870968		22.17	22.14	22.02	20.38	20.2	18.12
0.774193548387097		20.69	20.67	20.56	19.78	19.62	16.85
0.806451612903226		20.12	20.09	20	19.2	18.17	16.73
0.838709677419355		18.74	18.72	18.61	18.36	15.5	10.11
0.870967741935484		8.823	8.809	7.818	7.615	7.553	7.311
0.903225806451613		7.881	7.868	7.617	7.584	7.525	6.499
0.935483870967742		5.755	5.742	5.699	5.618	5.56	5.222
0.967741935483871		3.373	3.364	3.33	2.175	1.785	0.6415
0.1	32.458	32.418	32.052	31.511	31.212	29.088	

Average of yearly averages: 20.3911166666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: nursGrd
Metfile: w23188.dvf
PRZM scenario: CAnurserySTD_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life

```
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.2912  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
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.2912  kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.2912  kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.2912  kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.2912  kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.2912  kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.2912  kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.2016  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 ArtCAir.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    2.527   2.52    2.49    2.43    2.388   1.765
1962    8.942   8.917   8.818   8.632   8.134   4.8
1963    10.73   10.72   10.65   10.53   10.44   9.502
1964    10.28   10.27   10.21   10.11   10.05   9.521
1965    10.67   10.65   10.59   10.49   10.41   9.775
1966    11.16   11.14   11.07   10.96   10.88   10.22
1967    12.93   12.91   12.83   12.71   12.63   11.6
1968    12.65   12.63   12.56   12.44   12.36   11.58
1969    13.13   13.11   13.03   12.91   12.8    12.03
1970    13.51   13.49   13.41   13.29   13.19   12.37
1971    13.28   13.26   13.19   13.07   12.97   12.14
1972    12.73   12.71   12.64   12.49   12.31   11.91
1973    14.11   14.09   14      13.88   13.77   12.89
1974    14.8    14.78   14.69   14.58   14.48   13.39
1975    15.16   15.14   15.05   14.93   14.81   13.75
1976    14.68   14.66   14.58   14.45   14.37   13.5
1977    14.81   14.79   14.7    14.59   14.49   13.54
1978    15.98   15.96   15.85   15.6    15.43   14.3
1979    14.88   14.86   14.77   14.66   14.57   13.86
1980    15.36   15.33   15.24   15.13   15.03   14.11
1981    14.93   14.91   14.82   14.71   14.6    13.87
1982    16.61   16.59   16.48   16.38   16.26   15.1
1983    16.32   16.3    16.2    16.01   15.89   14.89
1984    15.01   14.98   14.89   14.77   14.66   13.89
1985    14.67   14.65   14.56   14.45   14.33   13.51
1986    15.02   15      14.91   14.79   14.68   13.71
1987    14.2    14.18   14.09   13.97   13.85   13.01
1988    14.38   14.35   14.26   14.08   13.94   12.9
1989    13.54   13.51   13.43   13.31   13.2    12.51
1990    14.21   14.19   14.09   13.88   13.83   12.95

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      16.61   16.59   16.48   16.38   16.26   15.1
0.0645161290322581     16.32   16.3    16.2    16.01   15.89   14.89
0.0967741935483871     15.98   15.96   15.85   15.6    15.43   14.3
0.129032258064516      15.36   15.33   15.24   15.13   15.03   14.11
0.161290322580645      15.16   15.14   15.05   14.93   14.81   13.89
0.193548387096774      15.02   15      14.91   14.79   14.68   13.87
```

```
0.225806451612903     15.01   14.98   14.89   14.77   14.66   13.86
0.258064516129032     14.93   14.91   14.82   14.71   14.6    13.75
0.290322580645161     14.88   14.86   14.77   14.66   14.57   13.71
0.32258064516129      14.81   14.79   14.7    14.59   14.49   13.54
0.354838709677419     14.8    14.78   14.69   14.58   14.48   13.51
0.387096774193548     14.68   14.66   14.58   14.45   14.37   13.5
0.419354838709677     14.67   14.65   14.56   14.45   14.33   13.39
0.451612903225806     14.38   14.35   14.26   14.08   13.94   13.01
0.483870967741936     14.21   14.19   14.09   13.97   13.85   12.95
0.516129032258065     14.2    14.18   14.09   13.88   13.83   12.9
0.548387096774194     14.11   14.09   14      13.88   13.77   12.89
0.580645161290323     13.54   13.51   13.43   13.31   13.2    12.51
0.612903225806452     13.51   13.49   13.41   13.29   13.19   12.37
0.645161290322581     13.28   13.26   13.19   13.07   12.97   12.14
0.67741935483871      13.13   13.11   13.03   12.91   12.8    12.03
0.709677419354839     12.93   12.91   12.83   12.71   12.63   11.91
0.741935483870968     12.73   12.71   12.64   12.49   12.36   11.6
0.774193548387097     12.65   12.63   12.56   12.44   12.31   11.58
0.806451612903226     11.16   11.14   11.07   10.96   10.88   10.22
0.838709677419355     10.73   10.72   10.65   10.53   10.44   9.775
0.870967741935484     10.67   10.65   10.59   10.49   10.41   9.521
0.903225806451613     10.28   10.27   10.21   10.11   10.05   9.502
0.935483870967742     8.942   8.917   8.818   8.632   8.134   4.8
0.967741935483871     2.527   2.52    2.49    2.43    2.388   1.765

0.1     15.918  15.897  15.789  15.553  15.39   14.281
                                        Average of yearly averages:   12.0964333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ArtCAir
Metfile:       w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.112   kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    15-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.112   kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.112   kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.112   kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.112   kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.112   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 ArtCGrd.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	1.333	1.332	1.325	1.244	1.224	0.9003
1962	7.262	7.239	7.148	6.978	6.462	3.076
1963	7.981	7.97	7.947	7.884	7.81	7.177
1964	6.84	6.833	6.817	6.804	6.776	6.557
1965	6.691	6.683	6.665	6.618	6.569	6.281
1966	6.922	6.912	6.902	6.662	6.601	6.302
1967	8.202	8.191	8.163	8.105	8.065	7.4
1968	7.67	7.66	7.644	7.599	7.544	7.12
1969	7.953	7.939	7.894	7.83	7.752	7.361
1970	8.191	8.18	8.156	8.097	8.024	7.579
1971	7.774	7.765	7.742	7.686	7.621	7.178
1972	7.793	7.784	7.727	7.632	7.46	6.803
1973	8.417	8.405	8.376	8.301	8.218	7.732
1974	9.079	9.065	9.033	8.959	8.876	8.165
1975	9.331	9.319	9.294	9.218	9.131	8.452
1976	8.721	8.711	8.692	8.662	8.633	8.112
1977	8.862	8.849	8.827	8.758	8.678	8.133
1978	10.06	10.05	9.977	9.818	9.706	8.94
1979	8.936	8.925	8.896	8.841	8.768	8.471
1980	9.463	9.449	9.425	9.359	9.278	8.748
1981	8.982	8.97	8.946	8.878	8.815	8.477
1982	10.73	10.71	10.68	10.6	10.5	9.73
1983	10.37	10.36	10.29	10.16	10.1	9.518
1984	9.112	9.1	9.079	9.008	8.924	8.561
1985	8.771	8.758	8.731	8.663	8.581	8.169
1986	9.16	9.147	9.122	9.047	8.977	8.38
1987	8.29	8.278	8.25	8.173	8.09	7.667
1988	8.499	8.485	8.443	8.337	8.249	7.601
1989	7.652	7.64	7.612	7.549	7.477	7.192
1990	8.464	8.45	8.389	8.252	8.149	7.638

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			10.73	10.71	10.68	10.6	10.5	9.73
0.0645161290322581			10.37	10.36	10.29	10.16	10.1	9.518
0.0967741935483871			10.06	10.05	9.977	9.818	9.706	8.94
0.129032258064516			9.463	9.449	9.425	9.359	9.278	8.748
0.161290322580645			9.331	9.319	9.294	9.218	9.131	8.561
0.193548387096774			9.16	9.147	9.122	9.047	8.977	8.477
0.225806451612903			9.112	9.1	9.079	9.008	8.924	8.471
0.258064516129032			9.079	9.065	9.033	8.959	8.876	8.452
0.290322580645161			8.982	8.97	8.946	8.878	8.815	8.38
0.32258064516129			8.936	8.925	8.896	8.841	8.768	8.169
0.354838709677419			8.862	8.849	8.827	8.758	8.678	8.165
0.387096774193548			8.771	8.758	8.731	8.663	8.633	8.133
0.419354838709677			8.721	8.711	8.692	8.662	8.581	8.112
0.451612903225806			8.499	8.485	8.443	8.337	8.249	7.732
0.483870967741936			8.464	8.45	8.389	8.301	8.218	7.667
0.516129032258065			8.417	8.405	8.376	8.252	8.149	7.638
0.548387096774194			8.29	8.278	8.25	8.173	8.09	7.601
0.580645161290323			8.202	8.191	8.163	8.105	8.065	7.579
0.612903225806452			8.191	8.18	8.156	8.097	8.024	7.4
0.645161290322581			7.981	7.97	7.947	7.884	7.81	7.361
0.67741935483871			7.953	7.939	7.894	7.83	7.752	7.192
0.709677419354839			7.793	7.784	7.742	7.686	7.621	7.178
0.741935483870968			7.774	7.765	7.727	7.632	7.544	7.177
0.774193548387097			7.67	7.66	7.644	7.599	7.477	7.12
0.806451612903226			7.652	7.64	7.612	7.549	7.46	6.803
0.838709677419355			7.262	7.239	7.148	6.978	6.776	6.557
0.870967741935484			6.922	6.912	6.902	6.804	6.601	6.302
0.903225806451613			6.84	6.833	6.817	6.662	6.569	6.281
0.935483870967742			6.691	6.683	6.665	6.618	6.462	3.076
0.967741935483871			1.333	1.332	1.325	1.244	1.224	0.9003
0.1	10.0003	9.9899	9.9218	9.7721	9.6632	8.9208		

Average of yearly averages: 7.44734333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ArtCGrd
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	

```
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.112   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    15-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.112   kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.112   kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.112   kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.112   kg/ha
Interval 5      interval        14      days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.112   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 AsperAir.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    4.473   4.462   4.423   3.481   2.957   0.9751
1962    22.27   22.19   21.9    21.35   19.68   8.06
1963    20.42   20.39   20.27   20      19.81   19
1964    19.66   19.65   19.55   19.32   18.85   18.08
1965    20.29   20.27   20.21   19.69   19.14   18.35
1966    21.64   21.61   21.58   20.79   20.06   19.09
1967    21.28   21.25   21.15   20.93   20.77   19.94
1968    20.18   20.16   20.09   19.9    19.74   19.04
1969    22.22   22.18   22      21.71   21.15   18.92
1970    21.22   21.2    21.09   20.85   20.67   19.82
1971    19.7    19.68   19.6    19.42   19.29   18.57
1972    24.58   24.54   24.33   24      23.29   18.81
1973    23.26   23.23   23.12   22.88   22.7    21.9
1974    22.29   22.27   22.18   21.98   21.81   20.85
1975    20.59   20.56   20.44   20.2    20.02   19.43
1976    19.64   19.62   19.55   19.37   19.25   18.52
1977    20.82   20.79   20.66   19.73   19.17   18.43
1978    20.59   20.57   20.46   20.23   20.04   19.14
1979    21.18   21.14   21.05   20.83   20.06   18.4
1980    20.66   20.63   20.53   20.31   20.14   19.4
1981    22.13   22.09   21.95   21.6    20.89   19.7
1982    22.08   22.05   21.95   21.69   21.25   20.47
1983    21.57   21.55   21.46   21.25   21.08   20.26
1984    21.37   21.34   21.22   20.96   20.58   19.49
1985    20.83   20.8    20.74   20.49   20.34   19.62
1986    20.48   20.45   20.35   20.12   19.94   19.02
1987    18.51   18.49   18.42   18.25   18.11   17.43
1988    17.41   17.39   17.31   17.14   17      16.38
1989    18.13   18.11   18.01   17.84   17.59   16.26
1990    17.75   17.73   17.67   17.51   17.38   16.67

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       24.58   24.54   24.33   24      23.29   21.9
0.0645161290322581      23.26   23.23   23.12   22.88   22.7    20.85
0.0967741935483871      22.29   22.27   22.18   21.98   21.81   20.47
0.129032258064516       22.27   22.19   22      21.71   21.25   20.26
0.161290322580645       22.22   22.18   21.95   21.69   21.15   19.94
0.193548387096774       22.13   22.09   21.95   21.6    21.08   19.82
0.225806451612903       22.08   22.05   21.9    21.35   20.89   19.7
```

```
0.258064516129032      21.64   21.61   21.58   21.25   20.77   19.62
0.290322580645161      21.57   21.55   21.46   20.96   20.67   19.49
0.32258064516129       21.37   21.34   21.22   20.93   20.58   19.43
0.354838709677419      21.28   21.25   21.15   20.85   20.34   19.4
0.387096774193548      21.22   21.2    21.09   20.83   20.14   19.14
0.419354838709677      21.18   21.14   21.05   20.79   20.06   19.09
0.451612903225806      20.83   20.8    20.74   20.49   20.06   19.04
0.483870967741936      20.82   20.79   20.66   20.31   20.04   19.02
0.516129032258065      20.66   20.63   20.53   20.23   20.02   19
0.548387096774194      20.59   20.57   20.46   20.2    19.94   18.92
0.580645161290323      20.59   20.56   20.44   20.12   19.81   18.81
0.612903225806452      20.48   20.45   20.35   20      19.74   18.57
0.645161290322581      20.42   20.39   20.27   19.9    19.68   18.52
0.67741935483871       20.29   20.27   20.21   19.73   19.29   18.43
0.709677419354839      20.18   20.16   20.09   19.69   19.25   18.4
0.741935483870968      19.7    19.68   19.6    19.42   19.17   18.35
0.774193548387097      19.66   19.65   19.55   19.37   19.14   18.08
0.806451612903226      19.64   19.62   19.55   19.32   18.85   17.43
0.838709677419355      18.51   18.49   18.42   18.25   18.11   16.67
0.870967741935484      18.13   18.11   18.01   17.84   17.59   16.38
0.903225806451613      17.75   17.73   17.67   17.51   17.38   16.26
0.935483870967742      17.41   17.39   17.31   17.14   17      8.06
0.967741935483871      4.473   4.462   4.423   3.481   2.957   0.9751

0.1     22.288  22.262  22.162  21.953  21.754  20.449
                                        Average of yearly averages:   18.0008366666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AsperAir
Metfile:       w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism     kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     251     days    Halfife
Hydrolysis:    pH 7            days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.14    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    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        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14    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 AsperGrd.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    3.126   3.116   3.083   2.089   1.52    0.424
```

1962	20.32	20.25	19.96	19.43	17.71	6.453
1963	18.56	18.53	18.42	18.17	17.99	16.76
1964	15.95	15.93	15.87	15.73	15.62	14.93
1965	15.88	15.86	15.81	15.29	15.09	14.48
1966	16.77	16.76	16.71	15.89	15.23	14.64
1967	16.49	16.47	16.39	16.21	16.08	15.06
1968	14.96	14.94	14.89	14.75	14.63	13.77
1969	16.15	16.12	15.98	15.76	15.19	13.34
1970	15.45	15.44	15.35	15.18	15.04	14.07
1971	13.67	13.66	13.61	13.48	13.39	12.56
1972	18.05	18.02	17.85	17.59	16.87	12.62
1973	17	16.98	16.9	16.71	16.57	15.7
1974	15.88	15.87	15.8	15.66	15.54	14.5
1975	13.68	13.67	13.61	13.51	13.42	12.89
1976	12.87	12.86	12.81	12.69	12.61	11.84
1977	13.89	13.88	13.78	12.77	12.17	11.72
1978	13.79	13.77	13.7	13.53	13.4	12.47
1979	14.12	14.09	14.05	13.91	13.07	11.68
1980	13.89	13.87	13.8	13.64	13.52	12.74
1981	15.16	15.14	15.04	14.71	13.89	13.03
1982	15.1	15.08	15.02	14.75	14.32	13.78
1983	14.75	14.73	14.67	14.52	14.4	13.58
1984	14.5	14.48	14.39	14.15	13.69	12.89
1985	14.08	14.06	14.01	13.87	13.77	13.02
1986	13.72	13.7	13.63	13.47	13.35	12.4
1987	11.69	11.68	11.63	11.52	11.44	10.75
1988	10.59	10.58	10.53	10.43	10.34	9.712
1989	11.21	11.19	11.13	10.91	10.6	9.588
1990	10.95	10.94	10.91	10.81	10.72	10.01

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			20.32	20.25	19.96	19.43	17.99	16.76
0.0645161290322581			18.56	18.53	18.42	18.17	17.71	15.7
0.0967741935483871			18.05	18.02	17.85	17.59	16.87	15.06
0.129032258064516			17	16.98	16.9	16.71	16.57	14.93
0.161290322580645			16.77	16.76	16.71	16.21	16.08	14.64
0.193548387096774			16.49	16.47	16.39	15.89	15.62	14.5
0.225806451612903			16.15	16.12	15.98	15.76	15.54	14.48
0.258064516129032			15.95	15.93	15.87	15.73	15.23	14.07
0.290322580645161			15.88	15.87	15.81	15.66	15.19	13.78
0.32258064516129			15.88	15.86	15.8	15.29	15.09	13.77
0.354838709677419			15.45	15.44	15.35	15.18	15.04	13.58
0.387096774193548			15.16	15.14	15.04	14.75	14.63	13.34
0.419354838709677			15.1	15.08	15.02	14.75	14.4	13.03
0.451612903225806			14.96	14.94	14.89	14.71	14.32	13.02
0.483870967741936			14.75	14.73	14.67	14.52	13.89	12.89
0.516129032258065			14.5	14.48	14.39	14.15	13.77	12.89
0.548387096774194			14.12	14.09	14.05	13.91	13.69	12.74
0.580645161290323			14.08	14.06	14.01	13.87	13.52	12.62
0.612903225806452			13.89	13.88	13.8	13.64	13.42	12.56
0.645161290322581			13.89	13.87	13.78	13.53	13.4	12.47
0.67741935483871			13.79	13.77	13.7	13.51	13.39	12.4
0.709677419354839			13.72	13.7	13.63	13.48	13.35	11.84
0.741935483870968			13.68	13.67	13.61	13.47	13.07	11.72
0.774193548387097			13.67	13.66	13.61	12.77	12.61	11.68
0.806451612903226			12.87	12.86	12.81	12.69	12.17	10.75
0.838709677419355			11.69	11.68	11.63	11.52	11.44	10.01
0.870967741935484			11.21	11.19	11.13	10.91	10.72	9.712
0.903225806451613			10.95	10.94	10.91	10.81	10.6	9.588
0.935483870967742			10.59	10.58	10.53	10.43	10.34	6.453
0.967741935483871			3.126	3.116	3.083	2.089	1.52	0.424
0.1	17.945	17.916	17.755	17.502	16.84	15.047		

Average of yearly averages: 12.3802333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AsperGrd
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	

```
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.14    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        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14    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 BeansAir2.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    2.387   2.381   2.356   2.331   2.298   1.756
1962    5.121   5.11    5.066   4.982   4.817   3.726
1963    7.71    7.696   7.64    7.542   7.465   6.552
1964    7.662   7.651   7.611   7.525   7.456   6.896
1965    7.858   7.847   7.802   7.743   7.699   7.119
1966    8.555   8.54    8.481   8.357   8.266   7.624
1967    9.181   9.168   9.12    9.017   8.952   8.246
1968    9.837   9.821   9.759   9.688   9.607   8.74
1969    10.37   10.36   10.29   10.15   10.04   9.253
1970    10.42   10.4    10.34   10.25   10.18   9.406
1971    10.75   10.74   10.68   10.63   10.56   9.674
1972    10.25   10.24   10.22   10.14   10.06   9.396
1973    10.98   10.96   10.89   10.75   10.65   9.821
1974    11.33   11.31   11.24   11.09   11      10.15
1975    11.96   11.95   11.92   11.8    11.69   10.68
1976    12.31   12.29   12.25   12.14   12.05   11.04
1977    12.88   12.86   12.78   12.66   12.56   11.49
1978    14.28   14.26   14.18   14.11   14.02   12.69
1979    13.67   13.65   13.57   13.39   13.29   12.39
1980    13.78   13.76   13.69   13.56   13.47   12.46
1981    13.14   13.12   13.08   12.98   12.86   11.95
1982    12.59   12.58   12.52   12.37   12.29   11.45
1983    12.64   12.62   12.56   12.42   12.3    11.28
1984    11.57   11.55   11.49   11.39   11.31   10.52
1985    11.16   11.15   11.08   10.96   10.89   10.11
1986    11.73   11.71   11.64   11.56   11.45   10.45
1987    11.16   11.14   11.07   10.91   10.84   10.1
1988    10.74   10.73   10.68   10.6    10.54   9.785
1989    10.51   10.49   10.42   10.35   10.27   9.511
1990    10.44   10.42   10.36   10.23   10.17   9.455

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      14.28   14.26   14.18   14.11   14.02   12.69
0.0645161290322581     13.78   13.76   13.69   13.56   13.47   12.46
0.0967741935483871     13.67   13.65   13.57   13.39   13.29   12.39
0.129032258064516      13.14   13.12   13.08   12.98   12.86   11.95
0.161290322580645      12.88   12.86   12.78   12.66   12.56   11.49
0.193548387096774      12.64   12.62   12.56   12.42   12.3    11.45
0.225806451612903      12.59   12.58   12.52   12.37   12.29   11.28
0.258064516129032      12.31   12.29   12.25   12.14   12.05   11.04
0.290322580645161      11.96   11.95   11.92   11.8    11.69   10.68
```

```
0.32258064516129      11.73   11.71   11.64   11.56   11.45   10.52
0.354838709677419     11.57   11.55   11.49   11.39   11.31   10.45
0.387096774193548     11.33   11.31   11.24   11.09   11      10.15
0.419354838709677     11.16   11.15   11.08   10.96   10.89   10.11
0.451612903225806     11.16   11.14   11.07   10.91   10.84   10.1
0.483870967741936     10.98   10.96   10.89   10.75   10.65   9.821
0.516129032258065     10.75   10.74   10.68   10.63   10.56   9.785
0.548387096774194     10.74   10.73   10.68   10.6    10.54   9.674
0.580645161290323     10.51   10.49   10.42   10.35   10.27   9.511
0.612903225806452     10.44   10.42   10.36   10.25   10.18   9.455
0.645161290322581     10.42   10.4    10.34   10.23   10.17   9.406
0.67741935483871      10.37   10.36   10.29   10.15   10.06   9.396
0.709677419354839     10.25   10.24   10.22   10.14   10.04   9.253
0.741935483870968     9.837   9.821   9.759   9.688   9.607   8.74
0.774193548387097     9.181   9.168   9.12    9.017   8.952   8.246
0.806451612903226     8.555   8.54    8.481   8.357   8.266   7.624
0.838709677419355     7.858   7.847   7.802   7.743   7.699   7.119
0.870967741935484     7.71    7.696   7.64    7.542   7.465   6.896
0.903225806451613     7.662   7.651   7.611   7.525   7.456   6.552
0.935483870967742     5.121   5.11    5.066   4.982   4.817   3.726
0.967741935483871     2.387   2.381   2.356   2.331   2.298   1.756

0.1     13.617  13.597  13.521  13.349  13.247  12.346
                                        Average of yearly averages:   9.45733333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: BeansAir2
Metfile:        w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 BeansGrd2.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    1.394   1.39    1.374   1.352   1.334   0.997
1962    3.641   3.632   3.595   3.526   3.358   2.236
1963    5.366   5.356   5.317   5.234   5.183   4.521
1964    4.705   4.699   4.681   4.627   4.591   4.351
1965    4.51    4.504   4.48    4.428   4.395   4.138
1966    4.825   4.817   4.782   4.711   4.659   4.297
```

1967	5.181	5.174	5.147	5.08	5.034	4.662
1968	5.632	5.623	5.586	5.522	5.479	4.97
1969	5.997	5.987	5.948	5.86	5.793	5.316
1970	5.928	5.92	5.886	5.808	5.76	5.364
1971	6.151	6.142	6.106	6.044	6.009	5.508
1972	5.482	5.475	5.447	5.407	5.372	5.109
1973	6.168	6.158	6.116	6.025	5.964	5.472
1974	6.452	6.441	6.4	6.312	6.247	5.743
1975	7.041	7.031	6.994	6.939	6.872	6.219
1976	7.259	7.249	7.231	7.191	7.144	6.53
1977	7.904	7.891	7.838	7.726	7.67	6.979
1978	9.386	9.37	9.32	9.231	9.192	8.25
1979	8.687	8.675	8.626	8.512	8.423	7.922
1980	8.87	8.857	8.811	8.699	8.631	8.01
1981	8.149	8.138	8.094	8.051	7.984	7.472
1982	7.569	7.561	7.53	7.44	7.369	6.919
1983	7.539	7.528	7.504	7.419	7.35	6.742
1984	6.578	6.569	6.532	6.446	6.399	6.032
1985	6.166	6.157	6.119	6.036	5.978	5.607
1986	6.717	6.706	6.662	6.625	6.57	5.958
1987	6.178	6.169	6.129	6.04	5.972	5.603
1988	5.844	5.835	5.809	5.748	5.697	5.317
1989	5.541	5.532	5.494	5.414	5.378	5.032
1990	5.455	5.446	5.41	5.356	5.347	4.97

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		9.386	9.37	9.32	9.231	9.192	8.25
0.0645161290322581		8.87	8.857	8.811	8.699	8.631	8.01
0.0967741935483871		8.687	8.675	8.626	8.512	8.423	7.922
0.129032258064516		8.149	8.138	8.094	8.051	7.984	7.472
0.161290322580645		7.904	7.891	7.838	7.726	7.67	6.979
0.193548387096774		7.569	7.561	7.53	7.44	7.369	6.919
0.225806451612903		7.539	7.528	7.504	7.419	7.35	6.742
0.258064516129032		7.259	7.249	7.231	7.191	7.144	6.53
0.290322580645161		7.041	7.031	6.994	6.939	6.872	6.219
0.32258064516129		6.717	6.706	6.662	6.625	6.57	6.032
0.354838709677419		6.578	6.569	6.532	6.446	6.399	5.958
0.387096774193548		6.452	6.441	6.4	6.312	6.247	5.743
0.419354838709677		6.178	6.169	6.129	6.044	6.009	5.607
0.451612903225806		6.168	6.158	6.119	6.04	5.978	5.603
0.483870967741936		6.166	6.157	6.116	6.036	5.972	5.508
0.516129032258065		6.151	6.142	6.106	6.025	5.964	5.472
0.548387096774194		5.997	5.987	5.948	5.86	5.793	5.364
0.580645161290323		5.928	5.92	5.886	5.808	5.76	5.317
0.612903225806452		5.844	5.835	5.809	5.748	5.697	5.316
0.645161290322581		5.632	5.623	5.586	5.522	5.479	5.109
0.67741935483871		5.541	5.532	5.494	5.414	5.378	5.032
0.709677419354839		5.482	5.475	5.447	5.407	5.372	4.97
0.741935483870968		5.455	5.446	5.41	5.356	5.347	4.97
0.774193548387097		5.366	5.356	5.317	5.234	5.183	4.662
0.806451612903226		5.181	5.174	5.147	5.08	5.034	4.521
0.838709677419355		4.825	4.817	4.782	4.711	4.659	4.351
0.870967741935484		4.705	4.699	4.681	4.627	4.591	4.297
0.903225806451613		4.51	4.504	4.48	4.428	4.395	4.138
0.935483870967742		3.641	3.632	3.595	3.526	3.358	2.236
0.967741935483871		1.394	1.39	1.374	1.352	1.334	0.997

0.1	8.6332	8.6213	8.5728	8.4659	8.3791	7.877

Average of yearly averages: 5.54153333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: BeansGrd2
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	2.39	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis: pH 7			days	Half-life

```
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    20-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 CarotAir.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    1.386   1.382   1.371   1.36    1.346   1.101
1962    3.43    3.423   3.392   3.361   3.326   2.866
1963    4.439   4.432   4.407   4.362   4.317   3.899
1964    4.658   4.651   4.635   4.605   4.57    4.197
1965    4.837   4.83    4.811   4.785   4.764   4.401
1966    5.216   5.208   5.175   5.133   5.128   4.748
1967    5.459   5.452   5.438   5.414   5.389   4.98
1968    5.814   5.805   5.777   5.72    5.666   5.23
1969    6.961   6.951   6.914   6.844   6.779   6.126
1970    6.805   6.794   6.758   6.697   6.654   6.149
1971    6.879   6.87    6.838   6.767   6.709   6.222
1972    6.68    6.671   6.647   6.618   6.571   6.084
1973    7.528   7.516   7.477   7.395   7.332   6.695
1974    7.472   7.461   7.417   7.34    7.275   6.728
1975    7.183   7.174   7.143   7.106   7.077   6.582
1976    8.116   8.103   8.055   7.961   7.884   7.152
1977    7.89    7.879   7.842   7.799   7.734   7.194
1978    8.907   8.891   8.827   8.712   8.619   7.883
1979    10.21   10.19   10.14   9.996   9.902   8.928
1980    10.02   10      9.956   9.836   9.744   8.956
1981    9.073   9.061   9.045   8.998   8.93    8.298
1982    11.31   11.29   11.23   11.1    10.98   9.838
1983    10.57   10.56   10.52   10.41   10.33   9.527
1984    9.417   9.405   9.379   9.32    9.252   8.581
1985    9.258   9.245   9.233   9.165   9.088   8.355
1986    10.51   10.5    10.42   10.26   10.15   9.169
1987    10.18   10.17   10.13   10.01   9.93    9.106
1988    9.116   9.108   9.076   8.998   8.93    8.285
1989    8.39    8.38    8.363   8.327   8.262   7.653
1990    9.168   9.154   9.097   9       8.923   8.093

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       11.31   11.29   11.23   11.1    10.98   9.838
0.0645161290322581      10.57   10.56   10.52   10.41   10.33   9.527
0.0967741935483871      10.51   10.5    10.42   10.26   10.15   9.169
0.129032258064516       10.21   10.19   10.14   10.01   9.93    9.106
0.161290322580645       10.18   10.17   10.13   9.996   9.902   8.956
0.193548387096774       10.02   10      9.956   9.836   9.744   8.928
0.225806451612903       9.417   9.405   9.379   9.32    9.252   8.581
0.258064516129032       9.258   9.245   9.233   9.165   9.088   8.355
0.290322580645161       9.168   9.154   9.097   9       8.93    8.298
0.32258064516129        9.116   9.108   9.076   8.998   8.93    8.285
0.354838709677419       9.073   9.061   9.045   8.998   8.923   8.093
0.387096774193548       8.907   8.891   8.827   8.712   8.619   7.883
0.419354838709677       8.39    8.38    8.363   8.327   8.262   7.653
0.451612903225806       8.116   8.103   8.055   7.961   7.884   7.194
0.483870967741936       7.89    7.879   7.842   7.799   7.734   7.152
0.516129032258065       7.528   7.516   7.477   7.395   7.332   6.728
0.548387096774194       7.472   7.461   7.417   7.34    7.275   6.695
0.580645161290323       7.183   7.174   7.143   7.106   7.077   6.582
```

```
0.612903225806452      6.961   6.951   6.914   6.844   6.779   6.222
0.645161290322581      6.879   6.87    6.838   6.767   6.709   6.149
0.67741935483871       6.805   6.794   6.758   6.697   6.654   6.126
0.709677419354839      6.68    6.671   6.647   6.618   6.571   6.084
0.741935483870968      5.814   5.805   5.777   5.72    5.666   5.23
0.774193548387097      5.459   5.452   5.438   5.414   5.389   4.98
0.806451612903226      5.216   5.208   5.175   5.133   5.128   4.748
0.838709677419355      4.837   4.83    4.811   4.785   4.764   4.401
0.870967741935484      4.658   4.651   4.635   4.605   4.57    4.197
0.903225806451613      4.439   4.432   4.407   4.362   4.317   3.899
0.935483870967742      3.43    3.423   3.392   3.361   3.326   2.866
0.967741935483871      1.386   1.382   1.371   1.36    1.346   1.101

0.1     10.48   10.469  10.392  10.235  10.128  9.1627
                                        Average of yearly averages:   6.76753333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CarotAir
Metfile:        w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.21    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    01-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.21    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 CarotGrd.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    0.6293  0.6275  0.6233  0.6151  0.6067  0.4806
1962    2.083   2.078   2.058   2.031   2.013   1.716
1963    2.661   2.656   2.638   2.608   2.582   2.304
1964    2.408   2.406   2.395   2.38    2.37    2.221
1965    2.274   2.271   2.259   2.242   2.232   2.103
1966    2.415   2.411   2.395   2.363   2.338   2.191
1967    2.441   2.438   2.426   2.408   2.393   2.223
1968    2.608   2.604   2.593   2.571   2.548   2.33
1969    3.599   3.593   3.574   3.529   3.496   3.124
1970    3.365   3.36    3.347   3.333   3.307   3.066
1971    3.367   3.363   3.351   3.323   3.294   3.042
1972    3.04    3.036   3.027   3.016   3       2.816
1973    3.849   3.842   3.825   3.79    3.755   3.394
1974    3.743   3.738   3.716   3.687   3.657   3.376
1975    3.448   3.444   3.43    3.399   3.372   3.167
1976    4.305   4.298   4.271   4.217   4.174   3.715
1977    4.142   4.136   4.111   4.077   4.047   3.743
1978    5.131   5.121   5.081   5.016   4.962   4.473
1979    6.431   6.42    6.383   6.292   6.223   5.554
```

1980	6.258	6.248	6.222	6.146	6.088	5.592
1981	5.295	5.289	5.269	5.25	5.221	4.899
1982	7.559	7.543	7.51	7.423	7.344	6.482
1983	6.814	6.805	6.779	6.706	6.65	6.164
1984	5.657	5.65	5.634	5.611	5.589	5.234
1985	5.51	5.504	5.488	5.458	5.425	4.999
1986	6.793	6.779	6.725	6.62	6.545	5.85
1987	6.433	6.424	6.408	6.347	6.306	5.793
1988	5.364	5.357	5.343	5.32	5.301	4.966
1989	4.665	4.659	4.648	4.621	4.598	4.307
1990	5.411	5.402	5.366	5.319	5.28	4.761

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129		7.559	7.543	7.51	7.423	7.344	6.482
0.0645161290322581		6.814	6.805	6.779	6.706	6.65	6.164
0.0967741935483871		6.793	6.779	6.725	6.62	6.545	5.85
0.129032258064516		6.433	6.424	6.408	6.347	6.306	5.793
0.161290322580645		6.431	6.42	6.383	6.292	6.223	5.592
0.193548387096774		6.258	6.248	6.222	6.146	6.088	5.554
0.225806451612903		5.657	5.65	5.634	5.611	5.589	5.234
0.258064516129032		5.51	5.504	5.488	5.458	5.425	4.999
0.290322580645161		5.411	5.402	5.366	5.32	5.301	4.966
0.32258064516129		5.364	5.357	5.343	5.319	5.28	4.899
0.354838709677419		5.295	5.289	5.269	5.25	5.221	4.761
0.387096774193548		5.131	5.121	5.081	5.016	4.962	4.473
0.419354838709677		4.665	4.659	4.648	4.621	4.598	4.307
0.451612903225806		4.305	4.298	4.271	4.217	4.174	3.743
0.483870967741936		4.142	4.136	4.111	4.077	4.047	3.715
0.516129032258065		3.849	3.842	3.825	3.79	3.755	3.394
0.548387096774194		3.743	3.738	3.716	3.687	3.657	3.376
0.580645161290323		3.599	3.593	3.574	3.529	3.496	3.167
0.612903225806452		3.448	3.444	3.43	3.399	3.372	3.124
0.645161290322581		3.367	3.363	3.351	3.333	3.307	3.066
0.67741935483871		3.365	3.36	3.347	3.323	3.294	3.042
0.709677419354839		3.04	3.036	3.027	3.016	3	2.816
0.741935483870968		2.661	2.656	2.638	2.608	2.582	2.33
0.774193548387097		2.608	2.604	2.593	2.571	2.548	2.304
0.806451612903226		2.441	2.438	2.426	2.408	2.393	2.223
0.838709677419355		2.415	2.411	2.395	2.38	2.37	2.221
0.870967741935484		2.408	2.406	2.395	2.363	2.338	2.191
0.903225806451613		2.274	2.271	2.259	2.242	2.232	2.103
0.935483870967742		2.083	2.078	2.058	2.031	2.013	1.716
0.967741935483871		0.6293	0.6275	0.6233	0.6151	0.6067	0.4806
0.1	6.757	6.7435	6.6933	6.5927	6.5211	5.8443

Average of yearly averages: 3.80285333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CarotGrd
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.21	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	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.21	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 PimentoAir.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    3.686   3.676   3.64    2.777   2.255   0.5825
1962    13.68   13.63   13.46   13.14   12.27   5.471
1963    13.17   13.16   13.08   12.92   12.79   12.19
1964    13.28   13.27   13.21   13.04   12.64   11.88
1965    14.03   14.01   13.97   13.56   13.07   12.27
1966    15.29   15.28   15.24   14.62   13.99   13.06
1967    15.02   15.01   14.93   14.77   14.65   13.92
1968    14.47   14.46   14.4    14.27   14.15   13.48
1969    16.19   16.16   16.02   15.8    15.32   13.47
1970    15.44   15.42   15.34   15.17   15.03   14.23
1971    14.27   14.26   14.2    14.07   13.97   13.28
1972    17.72   17.68   17.54   17.37   16.8    13.42
1973    16.91   16.89   16.82   16.65   16.49   15.79
1974    16.46   16.44   16.37   16.22   16.1    15.2
1975    14.88   14.87   14.81   14.69   14.59   14.03
1976    14.77   14.15   14.09   13.97   13.88   13.22
1977    16.31   16.29   16.18   15.35   14.78   14.05
1978    16.17   16.15   16.06   15.87   15.72   14.79
1979    16.25   16.22   16.14   15.97   15.35   14.09
1980    15.83   15.81   15.73   15.56   15.42   14.65
1981    17.36   17.33   17.22   16.88   16.11   14.84
1982    18.34   18.31   18.24   17.89   17.2    15.98
1983    17.9    17.88   17.8    17.62   17.47   16.54
1984    17.47   17.45   17.35   17.1    16.69   15.79
1985    16.97   16.96   16.89   16.73   16.61   15.77
1986    16.48   16.46   16.38   16.19   16.04   15.07
1987    14.75   14.73   14.67   14.53   14.42   13.64
1988    13.63   13.61   13.55   13.42   13.31   12.6
1989    14.24   14.21   14.13   13.88   13.48   12.37
1990    13.91   13.89   13.85   13.73   13.62   12.85

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       18.34   18.31   18.24   17.89   17.47   16.54
0.0645161290322581      17.9    17.88   17.8    17.62   17.2    15.98
0.0967741935483871      17.72   17.68   17.54   17.37   16.8    15.79
0.129032258064516       17.47   17.45   17.35   17.1    16.69   15.79
0.161290322580645       17.36   17.33   17.22   16.88   16.61   15.77
0.193548387096774       16.97   16.96   16.89   16.73   16.49   15.2
0.225806451612903       16.91   16.89   16.82   16.65   16.11   15.07
0.258064516129032       16.48   16.46   16.38   16.22   16.1    14.84
0.290322580645161       16.46   16.44   16.37   16.19   16.04   14.79
0.32258064516129        16.31   16.29   16.18   15.97   15.72   14.65
0.354838709677419       16.25   16.22   16.14   15.87   15.42   14.23
0.387096774193548       16.19   16.16   16.06   15.8    15.35   14.09
0.419354838709677       16.17   16.15   16.02   15.56   15.32   14.05
0.451612903225806       15.83   15.81   15.73   15.35   15.03   14.03
0.483870967741936       15.44   15.42   15.34   15.17   14.78   13.92
0.516129032258065       15.29   15.28   15.24   14.77   14.65   13.64
0.548387096774194       15.02   15.01   14.93   14.69   14.59   13.48
0.580645161290323       14.88   14.87   14.81   14.62   14.42   13.47
0.612903225806452       14.77   14.73   14.67   14.53   14.15   13.42
0.645161290322581       14.75   14.46   14.4    14.27   13.99   13.28
0.67741935483871        14.47   14.26   14.2    14.07   13.97   13.22
0.709677419354839       14.27   14.21   14.13   13.97   13.88   13.06
0.741935483870968       14.24   14.15   14.09   13.88   13.62   12.85
0.774193548387097       14.03   14.01   13.97   13.73   13.48   12.6
0.806451612903226       13.91   13.89   13.85   13.56   13.31   12.37
0.838709677419355       13.68   13.63   13.55   13.42   13.07   12.27
0.870967741935484       13.63   13.61   13.46   13.14   12.79   12.19
0.903225806451613       13.28   13.27   13.21   13.04   12.64   11.88
0.935483870967742       13.17   13.16   13.08   12.92   12.27   5.471
0.967741935483871       3.686   3.676   3.64    2.777   2.255   0.5825

0.1     17.695  17.657  17.521  17.343  16.789  15.79
                                        Average of yearly averages:   13.2841166666667

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

Data used for this run:
Output File: PimentoAir
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	2.39	mg/L		
Koc Koc		mg/L		
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis: pH 7			days	Half-life
Method: CAM 2	integer	See PRZM manual		
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	14-09	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 PimentoGrd.out
Chemical: Myclobutanil
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	2.769	2.761	2.73	1.82	1.294	0.3243
1962	12.24	12.2	12.05	11.74	10.88	4.488
1963	11.85	11.84	11.76	11.62	11.5	10.74
1964	10.66	10.65	10.6	10.44	10.27	9.818
1965	10.99	10.97	10.94	10.53	10.12	9.715
1966	11.96	11.95	11.91	11.25	10.59	10.13
1967	11.75	11.73	11.67	11.55	11.45	10.71
1968	10.9	10.89	10.85	10.75	10.66	10.01
1969	12.02	12	11.89	11.73	11.28	9.778
1970	11.51	11.49	11.43	11.3	11.2	10.44
1971	10.16	10.15	10.11	10.02	9.943	9.292
1972	13.24	13.21	13.1	12.99	12.44	9.316
1973	12.64	12.63	12.57	12.43	12.32	11.69
1974	12.1	12.09	12.04	11.92	11.83	10.99
1975	10.38	10.37	10.33	10.25	10.18	9.694
1976	10.15	9.526	9.49	9.407	9.352	8.784
1977	11.66	11.65	11.55	10.63	10.04	9.619
1978	11.58	11.56	11.5	11.35	11.24	10.41
1979	11.45	11.42	11.38	11.27	10.64	9.661
1980	11.24	11.22	11.17	11.04	10.94	10.26
1981	12.65	12.63	12.54	12.22	11.4	10.44
1982	13.66	13.64	13.59	13.23	12.5	11.6
1983	13.34	13.32	13.26	13.12	13.01	12.19
1984	12.84	12.82	12.75	12.52	12.08	11.48
1985	12.47	12.46	12.41	12.29	12.2	11.46
1986	11.93	11.92	11.86	11.72	11.61	10.73
1987	10.14	10.13	10.09	9.989	9.913	9.246
1988	9.005	8.995	8.957	8.867	8.794	8.204
1989	9.538	9.522	9.464	9.186	8.755	7.961
1990	9.305	9.294	9.272	9.19	9.12	8.452

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129		13.66	13.64	13.59	13.23	13.01	12.19
0.0645161290322581		13.34	13.32	13.26	13.12	12.5	11.69
0.0967741935483871		13.24	13.21	13.1	12.99	12.44	11.6
0.129032258064516		12.84	12.82	12.75	12.52	12.32	11.48
0.161290322580645		12.65	12.63	12.57	12.43	12.2	11.46
0.193548387096774		12.64	12.63	12.54	12.29	12.08	10.99
0.225806451612903		12.47	12.46	12.41	12.22	11.83	10.74
0.258064516129032		12.24	12.2	12.05	11.92	11.61	10.73
0.290322580645161		12.1	12.09	12.04	11.74	11.5	10.71
0.32258064516129		12.02	12	11.91	11.73	11.45	10.44
0.354838709677419		11.96	11.95	11.89	11.72	11.4	10.44
0.387096774193548		11.93	11.92	11.86	11.62	11.28	10.41
0.419354838709677		11.85	11.84	11.76	11.55	11.24	10.26
0.451612903225806		11.75	11.73	11.67	11.35	11.2	10.13
0.483870967741936		11.66	11.65	11.55	11.3	10.94	10.01
0.516129032258065		11.58	11.56	11.5	11.27	10.88	9.818
0.548387096774194		11.51	11.49	11.43	11.25	10.66	9.778
0.580645161290323		11.45	11.42	11.38	11.04	10.64	9.715
0.612903225806452		11.24	11.22	11.17	10.75	10.59	9.694
0.645161290322581		10.99	10.97	10.94	10.63	10.27	9.661
0.67741935483871		10.9	10.89	10.85	10.53	10.18	9.619
0.709677419354839		10.66	10.65	10.6	10.44	10.12	9.316
0.741935483870968		10.38	10.37	10.33	10.25	10.04	9.292
0.774193548387097		10.16	10.15	10.11	10.02	9.943	9.246
0.806451612903226		10.15	10.13	10.09	9.989	9.913	8.784
0.838709677419355		10.14	9.526	9.49	9.407	9.352	8.452
0.870967741935484		9.538	9.522	9.464	9.19	9.12	8.204
0.903225806451613		9.305	9.294	9.272	9.186	8.794	7.961
0.935483870967742		9.005	8.995	8.957	8.867	8.755	4.488
0.967741935483871		2.769	2.761	2.73	1.82	1.294	0.3243
0.1	13.2	13.171	13.065	12.943	12.428	11.588	

Average of yearly averages: 9.58774333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PimentoGrd
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	14-09	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 StrawbAir.out
Chemical: Myclobutanil
PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14

EXAMS environment: pond298.exvmodified 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	5.084	5.075	5.041	4.31	3.959	2.792
1962	25.69	25.61	25.28	24.67	22.85	10.6
1963	28.45	28.41	28.27	28.12	27.91	25.94
1964	26.23	26.2	26.07	25.98	25.91	25.01
1965	27.21	27.18	27.04	26.92	26.76	25.48
1966	29.19	29.17	29.06	27.58	26.51	26.05
1967	33.47	33.42	33.33	33.19	33.05	30.68
1968	31.48	31.44	31.32	31.23	31.09	29.58
1969	30.73	30.68	30.54	30.4	30.21	29.36
1970	30.76	30.71	30.59	30.48	30.4	29.31
1971	30.4	30.36	30.24	30.13	30.02	28.57
1972	31.66	31.62	31.4	31.13	30.46	27.74
1973	31.34	31.3	31.18	31.09	30.98	29.98
1974	33.97	33.92	33.81	33.74	33.54	31.36
1975	33.52	33.47	33.36	33.25	33.07	31.24
1976	31.21	31.17	31.04	30.92	30.82	29.43
1977	31.96	31.92	31.8	31.72	31.64	30.1
1978	34.19	34.14	34.03	33.68	33.34	31.23
1979	31.84	31.8	31.69	31.6	31.45	30.08
1980	30.99	30.95	30.82	30.72	30.58	29.16
1981	32.54	32.51	32.37	31.73	30.6	29.64
1982	36.95	36.89	36.78	36.68	36.45	34.28
1983	38.84	38.78	38.66	38.27	38.02	35.96
1984	34.15	34.12	33.99	33.84	33.75	32.81
1985	33.41	33.37	33.25	33.18	33.04	31.67
1986	33.29	33.25	33.13	33.06	32.98	31.05
1987	30.34	30.3	30.18	30.09	30	28.82
1988	30.91	30.88	30.76	30.61	30.41	28.58
1989	28.55	28.51	28.39	28.28	28.19	27.12
1990	28.54	28.5	28.32	27.89	27.57	26.33

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			38.84	38.78	38.66	38.27	38.02	35.96
0.0645161290322581			36.95	36.89	36.78	36.68	36.45	34.28
0.0967741935483871			34.19	34.14	34.03	33.84	33.75	32.81
0.129032258064516			34.15	34.12	33.99	33.74	33.54	31.67
0.161290322580645			33.97	33.92	33.81	33.68	33.34	31.36
0.193548387096774			33.52	33.47	33.36	33.25	33.07	31.24
0.225806451612903			33.47	33.42	33.33	33.19	33.05	31.23
0.258064516129032			33.41	33.37	33.25	33.18	33.04	31.05
0.290322580645161			33.29	33.25	33.13	33.06	32.98	30.68
0.32258064516129			32.54	32.51	32.37	31.73	31.64	30.1
0.354838709677419			31.96	31.92	31.8	31.72	31.45	30.08
0.387096774193548			31.84	31.8	31.69	31.6	31.09	29.98
0.419354838709677			31.66	31.62	31.4	31.23	30.98	29.64
0.451612903225806			31.48	31.44	31.32	31.13	30.82	29.58
0.483870967741936			31.34	31.3	31.18	31.09	30.6	29.43
0.516129032258065			31.21	31.17	31.04	30.92	30.58	29.36
0.548387096774194			30.99	30.95	30.82	30.72	30.46	29.31
0.580645161290323			30.91	30.88	30.76	30.61	30.41	29.16
0.612903225806452			30.76	30.71	30.59	30.48	30.4	28.82
0.645161290322581			30.73	30.68	30.54	30.4	30.21	28.58
0.67741935483871			30.4	30.36	30.24	30.13	30.02	28.57
0.709677419354839			30.34	30.3	30.18	30.09	30	27.74
0.741935483870968			29.19	29.17	29.06	28.28	28.19	27.12
0.774193548387097			28.55	28.51	28.39	28.12	27.91	26.33
0.806451612903226			28.54	28.5	28.32	27.89	27.57	26.05
0.838709677419355			28.45	28.41	28.27	27.58	26.76	25.94
0.870967741935484			27.21	27.18	27.04	26.92	26.51	25.48
0.903225806451613			26.23	26.2	26.07	25.98	25.91	25.01
0.935483870967742			25.69	25.61	25.28	24.67	22.85	10.6
0.967741935483871			5.084	5.075	5.041	4.31	3.959	2.792
0.1	34.186	34.138	34.026	33.83	33.729	32.696		

Average of yearly averages: 27.9984

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: StrawbAir
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments

```
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism     kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     251     days    Halfife
Hydrolysis:    pH 7            days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.14    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-03   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14    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 StrawbGrd.out
Chemical: Myclobutanil
PRZM environment: CAStrawberry-noplasticRLF_V2.txt   modified Wedday, 26 March 2008 at
10:39:14
EXAMS environment: pond298.exvmodified 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    3.922   3.913   3.881   3.114   2.735   1.788
1962    24.19   24.1    23.77   23.17   21.28   8.681
1963    25.85   25.81   25.74   25.52   25.34   23.67
1964    22.89   22.87   22.79   22.63   22.57   21.89
1965    23.25   23.22   23.11   22.77   22.58   21.69
1966    25.15   25.13   25.02   23.46   22.51   21.73
1967    28.52   28.49   28.42   28.25   28.12   26.12
1968    26.32   26.29   26.19   26.04   25.9    24.66
1969    25.64   25.59   25.41   25.18   24.79   24.14
1970    25.32   25.28   25.18   24.99   24.95   23.92
1971    24.47   24.44   24.37   24.21   24.1    22.94
1972    26.1    26.07   25.88   25.67   24.98   21.91
1973    25.27   25.24   25.15   24.96   24.84   24.13
1974    27.91   27.87   27.75   27.48   27.24   25.46
1975    27.2    27.16   27.07   26.88   26.71   25.22
1976    24.77   24.74   24.66   24.53   24.42   23.24
1977    25.68   25.65   25.54   25.31   25.13   23.91
1978    27.61   27.57   27.41   27.04   26.77   25.1
1979    25.38   25.34   25.25   25.04   24.83   23.89
1980    24.41   24.38   24.29   24.2    24.12   22.95
1981    26.72   26.68   26.57   25.94   24.61   23.43
1982    30.66   30.61   30.55   30.27   29.98   28.22
1983    32.32   32.28   32.12   31.76   31.63   29.99
1984    28.61   28.58   28.46   28.18   28.03   26.81
1985    27.14   27.12   27.02   26.84   26.77   25.63
1986    27.24   27.2    27.08   26.82   26.64   24.98
1987    24.34   24.32   24.23   24.02   23.97   22.67
1988    24.29   24.25   24.18   24      23.84   22.48
1989    22.08   22.06   21.99   21.82   21.7    20.96
1990    21.73   21.7    21.57   21.25   20.99   20.13

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      32.32   32.28   32.12   31.76   31.63   29.99
0.0645161290322581     30.66   30.61   30.55   30.27   29.98   28.22
```

```
0.0967741935483871    28.61   28.58   28.46   28.25   28.12   26.81
0.129032258064516     28.52   28.49   28.42   28.18   28.03   26.12
0.161290322580645     27.91   27.87   27.75   27.48   27.24   25.63
0.193548387096774     27.61   27.57   27.41   27.04   26.77   25.46
0.225806451612903     27.24   27.2    27.08   26.88   26.77   25.22
0.258064516129032     27.2    27.16   27.07   26.84   26.71   25.1
0.290322580645161     27.14   27.12   27.02   26.82   26.64   24.98
0.32258064516129      26.72   26.68   26.57   26.04   25.9    24.66
0.354838709677419     26.32   26.29   26.19   25.94   25.34   24.14
0.387096774193548     26.1    26.07   25.88   25.67   25.13   24.13
0.419354838709677     25.85   25.81   25.74   25.52   24.98   23.92
0.451612903225806     25.68   25.65   25.54   25.31   24.95   23.91
0.483870967741936     25.64   25.59   25.41   25.18   24.84   23.89
0.516129032258065     25.38   25.34   25.25   25.04   24.83   23.67
0.548387096774194     25.32   25.28   25.18   24.99   24.79   23.43
0.580645161290323     25.27   25.24   25.15   24.96   24.61   23.24
0.612903225806452     25.15   25.13   25.02   24.53   24.42   22.95
0.645161290322581     24.77   24.74   24.66   24.21   24.12   22.94
0.67741935483871      24.47   24.44   24.37   24.2    24.1    22.67
0.709677419354839     24.41   24.38   24.29   24.02   23.97   22.48
0.741935483870968     24.34   24.32   24.23   24      23.84   21.91
0.774193548387097     24.29   24.25   24.18   23.46   22.58   21.89
0.806451612903226     24.19   24.1    23.77   23.17   22.57   21.73
0.838709677419355     23.25   23.22   23.11   22.77   22.51   21.69
0.870967741935484     22.89   22.87   22.79   22.63   21.7    20.96
0.903225806451613     22.08   22.06   21.99   21.82   21.28   20.13
0.935483870967742     21.73   21.7    21.57   21.25   20.99   8.681
0.967741935483871     3.922   3.913   3.881   3.114   2.735   1.788

0.1     28.601  28.571  28.456  28.243  28.111  26.741
                                        Average of yearly averages:   22.7446333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: StrawbGrd
Metfile:       w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.14    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
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14    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 BerryAir.out
Chemical: Myclobutanil
```

PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14
EXAMS environment: pond298.exvmodified 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	2.038	2.032	2.009	1.965	1.935	1.453
1962	4.862	4.85	4.799	4.705	4.474	2.954
1963	7.513	7.499	7.471	7.38	7.308	6.338
1964	7.147	7.137	7.096	7.011	6.959	6.493
1965	8.036	8.025	7.996	7.89	7.807	7.052
1966	7.209	7.2	7.158	7.085	7.034	6.746
1967	10.28	10.26	10.22	10.08	9.966	8.788
1968	10.31	10.3	10.23	10.1	10.02	9.23
1969	10.22	10.21	10.15	10.02	9.918	9.229
1970	9.297	9.284	9.24	9.156	9.096	8.609
1971	10.02	10.01	9.949	9.838	9.75	8.98
1972	8.818	8.808	8.775	8.713	8.657	8.306
1973	8.829	8.817	8.766	8.682	8.608	8.133
1974	10.74	10.72	10.65	10.49	10.37	9.325
1975	11.75	11.73	11.66	11.51	11.41	10.33
1976	10.59	10.58	10.55	10.46	10.4	9.77
1977	10.46	10.45	10.39	10.3	10.22	9.521
1978	10.85	10.83	10.81	10.71	10.62	9.808
1979	10.7	10.68	10.61	10.48	10.37	9.581
1980	10.1	10.09	10.03	9.907	9.832	9.208
1981	9.809	9.795	9.735	9.642	9.554	8.963
1982	12.52	12.5	12.42	12.27	12.14	10.74
1983	12.65	12.63	12.55	12.49	12.4	11.34
1984	10.84	10.83	10.78	10.71	10.64	10.09
1985	10.38	10.36	10.3	10.18	10.08	9.458
1986	10.55	10.53	10.47	10.38	10.29	9.478
1987	9.453	9.44	9.384	9.293	9.223	8.702
1988	9.443	9.428	9.368	9.247	9.146	8.482
1989	8.854	8.841	8.783	8.697	8.622	8.067
1990	8.028	8.016	7.967	7.849	7.836	7.484

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		12.65	12.63	12.55	12.49	12.4	11.34	
0.0645161290322581		12.52	12.5	12.42	12.27	12.14	10.74	
0.0967741935483871		11.75	11.73	11.66	11.51	11.41	10.33	
0.129032258064516		10.85	10.83	10.81	10.71	10.64	10.09	
0.161290322580645		10.84	10.83	10.78	10.71	10.62	9.808	
0.193548387096774		10.74	10.72	10.65	10.49	10.4	9.77	
0.225806451612903		10.7	10.68	10.61	10.48	10.37	9.581	
0.258064516129032		10.59	10.58	10.55	10.46	10.37	9.521	
0.290322580645161		10.55	10.53	10.47	10.38	10.29	9.478	
0.32258064516129		10.46	10.45	10.39	10.3	10.22	9.458	
0.354838709677419		10.38	10.36	10.3	10.18	10.08	9.325	
0.387096774193548		10.31	10.3	10.23	10.1	10.02	9.23	
0.419354838709677		10.28	10.26	10.22	10.08	9.966	9.229	
0.451612903225806		10.22	10.21	10.15	10.02	9.918	9.208	
0.483870967741936		10.1	10.09	10.03	9.907	9.832	8.98	
0.516129032258065		10.02	10.01	9.949	9.838	9.75	8.963	
0.548387096774194		9.809	9.795	9.735	9.642	9.554	8.788	
0.580645161290323		9.453	9.44	9.384	9.293	9.223	8.702	
0.612903225806452		9.443	9.428	9.368	9.247	9.146	8.609	
0.645161290322581		9.297	9.284	9.24	9.156	9.096	8.482	
0.67741935483871		8.854	8.841	8.783	8.713	8.657	8.306	
0.709677419354839		8.829	8.817	8.775	8.697	8.622	8.133	
0.741935483870968		8.818	8.808	8.766	8.682	8.608	8.067	
0.774193548387097		8.036	8.025	7.996	7.89	7.836	7.484	
0.806451612903226		8.028	8.016	7.967	7.849	7.807	7.052	
0.838709677419355		7.513	7.499	7.471	7.38	7.308	6.746	
0.870967741935484		7.209	7.2	7.158	7.085	7.034	6.493	
0.903225806451613		7.147	7.137	7.096	7.011	6.959	6.338	
0.935483870967742		4.862	4.85	4.799	4.705	4.474	2.954	
0.967741935483871		2.038	2.032	2.009	1.965	1.935	1.453	
0.1	11.66	11.64	11.575	11.43	11.333	10.306		

Average of yearly averages: 8.42193333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: BerryAir
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv

Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.07	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.07	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.07	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.07	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 BerryGrd.out
Chemical: Myclobutanil
PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14
EXAMS environment: pond298.exvmodified 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	1.567	1.563	1.545	1.511	1.486	1.115
1962	4.213	4.201	4.154	4.065	3.827	2.27
1963	6.495	6.483	6.457	6.375	6.31	5.464
1964	5.807	5.799	5.769	5.716	5.672	5.36
1965	6.517	6.507	6.49	6.405	6.338	5.718
1966	5.644	5.64	5.62	5.43	5.422	5.214
1967	8.503	8.488	8.45	8.338	8.241	7.2
1968	8.412	8.399	8.347	8.243	8.187	7.557
1969	8.223	8.212	8.167	8.07	7.985	7.46
1970	7.208	7.198	7.187	7.153	7.1	6.757
1971	7.88	7.868	7.841	7.744	7.679	7.076
1972	6.666	6.661	6.639	6.586	6.561	6.319
1973	6.531	6.523	6.509	6.445	6.387	6.098
1974	8.489	8.473	8.415	8.287	8.192	7.305
1975	9.509	9.494	9.434	9.312	9.234	8.311
1976	8.267	8.258	8.241	8.226	8.178	7.701
1977	8.128	8.118	8.103	8.023	7.951	7.43
1978	8.569	8.557	8.526	8.448	8.373	7.736
1979	8.347	8.334	8.3	8.19	8.102	7.494
1980	7.755	7.744	7.7	7.605	7.565	7.112
1981	7.429	7.419	7.404	7.324	7.26	6.85
1982	10.26	10.25	10.17	10.05	9.936	8.684
1983	10.36	10.35	10.32	10.27	10.2	9.321
1984	8.63	8.622	8.587	8.507	8.494	8.054
1985	8.043	8.032	8.004	7.905	7.827	7.394
1986	8.263	8.25	8.231	8.139	8.065	7.415
1987	7.087	7.078	7.062	7.015	6.983	6.612
1988	7.145	7.133	7.088	6.995	6.92	6.402
1989	6.482	6.473	6.455	6.396	6.338	5.969
1990	5.734	5.726	5.691	5.608	5.542	5.36

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		10.36	10.35	10.32	10.27	10.2	9.321
0.0645161290322581		10.26	10.25	10.17	10.05	9.936	8.684
0.0967741935483871		9.509	9.494	9.434	9.312	9.234	8.311
0.129032258064516		8.63	8.622	8.587	8.507	8.494	8.054

0.161290322580645	8.569	8.557	8.526	8.448	8.373	7.736
0.193548387096774	8.503	8.488	8.45	8.338	8.241	7.701
0.225806451612903	8.489	8.473	8.415	8.287	8.192	7.557
0.258064516129032	8.412	8.399	8.347	8.243	8.187	7.494
0.290322580645161	8.347	8.334	8.3	8.226	8.178	7.46
0.32258064516129	8.267	8.258	8.241	8.19	8.102	7.43
0.354838709677419	8.263	8.25	8.231	8.139	8.065	7.415
0.387096774193548	8.223	8.212	8.167	8.07	7.985	7.394
0.419354838709677	8.128	8.118	8.103	8.023	7.951	7.305
0.451612903225806	8.043	8.032	8.004	7.905	7.827	7.2
0.483870967741936	7.88	7.868	7.841	7.744	7.679	7.112
0.516129032258065	7.755	7.744	7.7	7.605	7.565	7.076
0.548387096774194	7.429	7.419	7.404	7.324	7.26	6.85
0.580645161290323	7.208	7.198	7.187	7.153	7.1	6.757
0.612903225806452	7.145	7.133	7.088	7.015	6.983	6.612
0.645161290322581	7.087	7.078	7.062	6.995	6.92	6.402
0.67741935483871	6.666	6.661	6.639	6.586	6.561	6.319
0.709677419354839	6.531	6.523	6.509	6.445	6.387	6.098
0.741935483870968	6.517	6.507	6.49	6.405	6.338	5.969
0.774193548387097	6.495	6.483	6.457	6.396	6.338	5.718
0.806451612903226	6.482	6.473	6.455	6.375	6.31	5.464
0.838709677419355	5.807	5.799	5.769	5.716	5.672	5.36
0.870967741935484	5.734	5.726	5.691	5.608	5.542	5.36
0.903225806451613	5.644	5.64	5.62	5.43	5.422	5.214
0.935483870967742	4.213	4.201	4.154	4.065	3.827	2.27
0.967741935483871	1.567	1.563	1.545	1.511	1.486	1.115

0.1	9.4211	9.4068	9.3493	9.2315	9.16	8.2853

Average of yearly averages: 6.62526666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: BerryGrd
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.07	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	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.07	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.07	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.07	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 SugBeetAir.out
Chemical: Myclobutanil
PRZM environment: CAsugarbeet_WirrigOP.txt modified Thuday, 14 June 2007 at 11:21:20
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.062	2.057	2.029	1.982	1.945	1.408

1962	3.904	3.895	3.855	3.761	3.694	2.98
1963	8.286	8.268	8.232	8.098	7.961	6.336
1964	8.206	8.193	8.137	8.002	7.9	6.972
1965	11.26	11.23	11.17	11.03	10.88	9.121
1966	10.4	10.38	10.3	10.11	9.969	8.917
1967	12.02	12	11.92	11.77	11.61	10.07
1968	11.62	11.59	11.5	11.31	11.16	9.89
1969	12.74	12.72	12.61	12.35	12.14	10.57
1970	12.63	12.61	12.53	12.33	12.17	10.76
1971	13.04	13.01	12.92	12.7	12.58	11.28
1972	11.86	11.83	11.75	11.56	11.42	10.31
1973	12.28	12.26	12.18	11.96	11.76	10.29
1974	11.7	11.69	11.62	11.41	11.25	9.919
1975	10.74	10.73	10.66	10.51	10.38	9.27
1976	10.28	10.26	10.2	10.03	9.909	8.936
1977	10.26	10.25	10.18	9.989	9.868	8.692
1978	12.57	12.54	12.44	12.21	12.01	10.1
1979	11.21	11.2	11.14	10.95	10.81	9.542
1980	10.53	10.51	10.43	10.25	10.13	8.905
1981	11.06	11.04	10.95	10.79	10.63	9.132
1982	11.78	11.76	11.7	11.49	11.32	9.775
1983	12.28	12.26	12.17	12	11.84	10.27
1984	10.87	10.85	10.77	10.59	10.43	9.181
1985	9.93	9.915	9.842	9.65	9.514	8.372
1986	11.2	11.17	11.07	10.86	10.69	9.055
1987	11.07	11.05	10.96	10.76	10.67	9.439
1988	11.43	11.41	11.34	11.1	10.91	9.53
1989	13.02	12.99	12.86	12.58	12.36	10.54
1990	11.53	11.51	11.41	11.31	11.3	10.16

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		13.04	13.01	12.92	12.7	12.58	11.28	
0.0645161290322581		13.02	12.99	12.86	12.58	12.36	10.76	
0.0967741935483871		12.74	12.72	12.61	12.35	12.17	10.57	
0.129032258064516		12.63	12.61	12.53	12.33	12.14	10.54	
0.161290322580645		12.57	12.54	12.44	12.21	12.01	10.31	
0.193548387096774		12.28	12.26	12.18	12	11.84	10.29	
0.225806451612903		12.28	12.28	12.26	12.17	11.96	11.76	10.27
0.258064516129032		12.02	12	11.92	11.77	11.61	10.16	
0.290322580645161		11.86	11.83	11.75	11.56	11.42	10.1	
0.32258064516129		11.78	11.76	11.7	11.49	11.32	10.07	
0.354838709677419		11.7	11.69	11.62	11.41	11.3	9.919	
0.387096774193548		11.62	11.59	11.5	11.31	11.25	9.89	
0.419354838709677		11.53	11.51	11.41	11.31	11.16	9.775	
0.451612903225806		11.43	11.41	11.34	11.1	10.91	9.542	
0.483870967741936		11.26	11.23	11.17	11.03	10.88	9.53	
0.516129032258065		11.21	11.2	11.14	10.95	10.81	9.439	
0.548387096774194		11.2	11.17	11.07	10.86	10.69	9.27	
0.580645161290323		11.07	11.05	10.96	10.79	10.67	9.181	
0.612903225806452		11.06	11.04	10.95	10.76	10.63	9.132	
0.645161290322581		10.87	10.85	10.77	10.59	10.43	9.121	
0.67741935483871		10.74	10.73	10.66	10.51	10.38	9.055	
0.709677419354839		10.53	10.51	10.43	10.25	10.13	8.936	
0.741935483870968		10.4	10.38	10.3	10.11	9.969	8.917	
0.774193548387097		10.28	10.26	10.2	10.03	9.909	8.905	
0.806451612903226		10.26	10.25	10.18	9.989	9.868	8.692	
0.838709677419355		9.93	9.915	9.842	9.65	9.514	8.372	
0.870967741935484		8.286	8.268	8.232	8.098	7.961	6.972	
0.903225806451613		8.206	8.193	8.137	8.002	7.9	6.336	
0.935483870967742		3.904	3.895	3.855	3.761	3.694	2.98	
0.967741935483871		2.062	2.057	2.029	1.982	1.945	1.408	
0.1	12.729	12.709	12.602	12.348	12.167	10.567		

Average of yearly averages: 8.99073333333334

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: SugBeetAir
Metfile: w93193.dvf
PRZM scenario: CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	

```
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.21    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-03   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.21    kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.21    kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.21    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 SugBeetGrd.out
Chemical: Myclobutanil
PRZM environment: CAsugarbeet_WirrigOP.txt   modified Thuday, 14 June 2007 at 11:21:20
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.5011  0.5004  0.4973  0.4291  0.405   0.3109
1962    1.141   1.138   1.126   1.099   1.079   0.8732
1963    4.953   4.94    4.895   4.805   4.725   3.552
1964    4.042   4.037   4.015   3.966   3.927   3.592
1965    6.789   6.773   6.741   6.641   6.569   5.381
1966    5.436   5.428   5.394   5.327   5.272   4.858
1967    7.044   7.033   6.986   6.85    6.768   5.857
1968    6.415   6.402   6.353   6.237   6.14    5.542
1969    7.438   7.422   7.359   7.201   7.073   6.083
1970    7.132   7.121   7.078   7.009   6.937   6.194
1971    7.63    7.617   7.562   7.436   7.314   6.649
1972    6.168   6.159   6.12    6.057   6.003   5.59
1973    6.576   6.566   6.522   6.411   6.303   5.545
1974    6.014   6.009   5.974   5.872   5.776   5.148
1975    4.971   4.965   4.94    4.888   4.837   4.417
1976    4.368   4.362   4.338   4.287   4.242   3.961
1977    4.269   4.263   4.235   4.167   4.124   3.703
1978    6.899   6.882   6.817   6.674   6.555   5.282
1979    5.487   5.479   5.444   5.367   5.308   4.782
1980    4.837   4.83    4.799   4.739   4.689   4.171
1981    5.39    5.38    5.338   5.29    5.216   4.471
1982    6.268   6.256   6.232   6.123   6.02    5.12
1983    6.67    6.657   6.607   6.542   6.462   5.595
1984    5.24    5.232   5.2     5.14    5.085   4.577
1985    4.375   4.369   4.341   4.278   4.23    3.823
1986    5.764   5.751   5.706   5.604   5.506   4.575
1987    5.67    5.656   5.596   5.508   5.512   4.97
1988    6.156   6.143   6.101   5.969   5.851   5.029
1989    7.631   7.614   7.537   7.368   7.24    6.068
1990    6.386   6.372   6.299   6.188   6.133   5.638

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       7.631   7.617   7.562   7.436   7.314   6.649
0.0645161290322581      7.63    7.614   7.537   7.368   7.24    6.194
0.0967741935483871      7.438   7.422   7.359   7.201   7.073   6.083
0.129032258064516       7.132   7.121   7.078   7.009   6.937   6.068
0.161290322580645       7.044   7.033   6.986   6.85    6.768   5.857
0.193548387096774       6.899   6.882   6.817   6.674   6.569   5.638
0.225806451612903       6.789   6.773   6.741   6.641   6.555   5.595
0.258064516129032       6.67    6.657   6.607   6.542   6.462   5.59
0.290322580645161       6.576   6.566   6.522   6.411   6.303   5.545
0.32258064516129        6.415   6.402   6.353   6.237   6.14    5.542
0.354838709677419       6.386   6.372   6.299   6.188   6.133   5.381
0.387096774193548       6.268   6.256   6.232   6.123   6.02    5.282
0.419354838709677       6.168   6.159   6.12    6.057   6.003   5.148
```

0.451612903225806	6.156	6.143	6.101	5.969	5.851	5.12
0.483870967741936	6.014	6.009	5.974	5.872	5.776	5.029
0.516129032258065	5.764	5.751	5.706	5.604	5.512	4.97
0.548387096774194	5.67	5.656	5.596	5.508	5.506	4.858
0.580645161290323	5.487	5.479	5.444	5.367	5.308	4.782
0.612903225806452	5.436	5.428	5.394	5.327	5.272	4.577
0.645161290322581	5.39	5.38	5.338	5.29	5.216	4.575
0.67741935483871	5.24	5.232	5.2	5.14	5.085	4.471
0.709677419354839	4.971	4.965	4.94	4.888	4.837	4.417
0.741935483870968	4.953	4.94	4.895	4.805	4.725	4.171
0.774193548387097	4.837	4.83	4.799	4.739	4.689	3.961
0.806451612903226	4.375	4.369	4.341	4.287	4.242	3.823
0.838709677419355	4.368	4.362	4.338	4.278	4.23	3.703
0.870967741935484	4.269	4.263	4.235	4.167	4.124	3.592
0.903225806451613	4.042	4.037	4.015	3.966	3.927	3.552
0.935483870967742	1.141	1.138	1.126	1.099	1.079	0.8732
0.967741935483871	0.5011	0.5004	0.4973	0.4291	0.405	0.3109

0.1	7.4074	7.3919	7.3309	7.1818	7.0594	6.0815

Average of yearly averages: 4.71190333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: SugBeetGrd
Metfile: w93193.dvf
PRZM scenario: CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.21	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	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.21	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.21	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.21	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 okraAir.out
Chemical: Myclobutanil
PRZM environment: CAtomato_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:43:54
EXAMS environment: pond298.exvmodified 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	1.407	1.402	1.383	1.354	1.326	0.9503
1962	2.619	2.612	2.581	2.519	2.472	2
1963	5.195	5.183	5.144	5.057	4.977	3.972
1964	5.202	5.193	5.152	5.062	4.995	4.407
1965	7.772	7.754	7.715	7.566	7.442	6.188
1966	7.066	7.052	6.99	6.861	6.766	6.061
1967	8.134	8.122	8.067	7.959	7.851	6.728
1968	8.057	8.041	7.973	7.82	7.689	6.78
1969	8.769	8.751	8.678	8.495	8.346	7.236
1970	8.709	8.694	8.632	8.498	8.388	7.399

1971	8.427	8.413	8.353	8.233	8.146	7.306
1972	7.653	7.64	7.583	7.458	7.365	6.63
1973	7.564	7.551	7.491	7.36	7.252	6.4
1974	7.3	7.288	7.236	7.105	6.997	6.19
1975	6.833	6.823	6.78	6.67	6.59	5.89
1976	6.617	6.606	6.561	6.447	6.368	5.718
1977	6.563	6.55	6.49	6.371	6.297	5.545
1978	8.432	8.413	8.339	8.18	8.039	6.682
1979	7.529	7.515	7.455	7.318	7.219	6.394
1980	7.088	7.075	7.018	6.896	6.813	6.014
1981	7.056	7.042	6.991	6.894	6.805	5.911
1982	7.938	7.922	7.887	7.757	7.629	6.525
1983	8.392	8.374	8.288	8.247	8.16	7.091
1984	7.469	7.456	7.401	7.272	7.164	6.337
1985	6.739	6.726	6.663	6.534	6.442	5.702
1986	6.985	6.97	6.909	6.781	6.68	5.773
1987	7.176	7.161	7.091	6.965	6.894	6.061
1988	6.994	6.985	6.936	6.807	6.715	5.908
1989	7.57	7.553	7.475	7.335	7.226	6.228
1990	6.865	6.852	6.792	6.735	6.681	5.958

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		8.769	8.751	8.678	8.498	8.388	7.399
0.0645161290322581		8.709	8.694	8.632	8.495	8.346	7.306
0.0967741935483871		8.432	8.413	8.353	8.247	8.16	7.236
0.129032258064516		8.427	8.413	8.339	8.233	8.146	7.091
0.161290322580645		8.392	8.374	8.288	8.18	8.039	6.78
0.193548387096774		8.134	8.122	8.067	7.959	7.851	6.728
0.225806451612903		8.057	8.041	7.973	7.82	7.689	6.682
0.258064516129032		7.938	7.922	7.887	7.757	7.629	6.63
0.290322580645161		7.772	7.754	7.715	7.566	7.442	6.525
0.32258064516129		7.653	7.64	7.583	7.458	7.365	6.4
0.354838709677419		7.57	7.553	7.491	7.36	7.252	6.394
0.387096774193548		7.564	7.551	7.475	7.335	7.226	6.337
0.419354838709677		7.529	7.515	7.455	7.318	7.219	6.228
0.451612903225806		7.469	7.456	7.401	7.272	7.164	6.19
0.483870967741936		7.3	7.288	7.236	7.105	6.997	6.188
0.516129032258065		7.176	7.161	7.091	6.965	6.894	6.061
0.548387096774194		7.088	7.075	7.018	6.896	6.813	6.061
0.580645161290323		7.066	7.052	6.991	6.894	6.805	6.014
0.612903225806452		7.056	7.042	6.99	6.861	6.766	5.958
0.645161290322581		6.994	6.985	6.936	6.807	6.715	5.911
0.67741935483871		6.985	6.97	6.909	6.781	6.681	5.908
0.709677419354839		6.865	6.852	6.792	6.735	6.68	5.89
0.741935483870968		6.833	6.823	6.78	6.67	6.59	5.773
0.774193548387097		6.739	6.726	6.663	6.534	6.442	5.718
0.806451612903226		6.617	6.606	6.561	6.447	6.368	5.702
0.838709677419355		6.563	6.55	6.49	6.371	6.297	5.545
0.870967741935484		5.202	5.193	5.152	5.062	4.995	4.407
0.903225806451613		5.195	5.183	5.144	5.057	4.977	3.972
0.935483870967742		2.619	2.612	2.581	2.519	2.472	2
0.967741935483871		1.407	1.402	1.383	1.354	1.326	0.9503
0.1	8.4315	8.413	8.3516	8.2456	8.1586	7.2215	

Average of yearly averages: 5.86614333333333

Inputs generated by pe5.pl - Novemeber 2006

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

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	2.39	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis: pH 7			days	Half-life
Method: CAM 2	integer	See PRZM manual		
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	

```
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-03   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 okraGrd.out
Chemical: Myclobutanil
PRZM environment: CAtomato_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:43:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.3534  0.3529  0.3509  0.3141  0.3095  0.2308
1962    0.7871  0.785   0.7757  0.757   0.7447  0.6061
1963    2.949   2.942   2.908   2.851   2.798   2.115
1964    2.426   2.423   2.407   2.377   2.354   2.152
1965    4.796   4.784   4.758   4.668   4.59    3.706
1966    3.78    3.773   3.744   3.707   3.674   3.367
1967    4.81    4.802   4.768   4.673   4.614   3.924
1968    4.588   4.578   4.541   4.454   4.378   3.896
1969    5.229   5.218   5.172   5.06    4.969   4.258
1970    5.068   5.06    5.032   4.996   4.949   4.368
1971    4.797   4.79    4.757   4.677   4.61    4.214
1972    3.871   3.865   3.84    3.805   3.774   3.479
1973    3.746   3.74    3.712   3.667   3.61    3.22
1974    3.476   3.47    3.447   3.39    3.337   2.997
1975    2.985   2.981   2.965   2.932   2.903   2.648
1976    2.683   2.679   2.662   2.63    2.604   2.396
1977    2.568   2.563   2.541   2.506   2.48    2.214
1978    4.639   4.627   4.58    4.478   4.394   3.476
1979    3.708   3.702   3.675   3.622   3.582   3.227
1980    3.313   3.308   3.283   3.248   3.217   2.866
1981    3.302   3.296   3.268   3.245   3.208   2.802
1982    4.285   4.276   4.238   4.174   4.104   3.428
1983    4.775   4.764   4.714   4.632   4.602   3.988
1984    3.743   3.737   3.713   3.677   3.643   3.282
1985    3.055   3.049   3.024   2.986   2.954   2.681
1986    3.363   3.356   3.327   3.288   3.24    2.781
1987    3.565   3.558   3.527   3.484   3.464   3.078
1988    3.434   3.428   3.406   3.336   3.277   2.894
1989    3.94    3.93    3.897   3.832   3.776   3.218
1990    3.245   3.238   3.209   3.189   3.173   2.918

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       5.229   5.218   5.172   5.06    4.969   4.368
0.0645161290322581      5.068   5.06    5.032   4.996   4.949   4.258
0.0967741935483871      4.81    4.802   4.768   4.677   4.614   4.214
0.129032258064516       4.797   4.79    4.758   4.673   4.61    3.988
0.161290322580645       4.796   4.784   4.757   4.668   4.602   3.924
0.193548387096774       4.775   4.764   4.714   4.632   4.59    3.896
0.225806451612903       4.639   4.627   4.58    4.478   4.394   3.706
0.258064516129032       4.588   4.578   4.541   4.454   4.378   3.479
0.290322580645161       4.285   4.276   4.238   4.174   4.104   3.476
0.32258064516129        3.94    3.93    3.897   3.832   3.776   3.428
0.354838709677419       3.871   3.865   3.84    3.805   3.774   3.367
0.387096774193548       3.78    3.773   3.744   3.707   3.674   3.282
0.419354838709677       3.746   3.74    3.713   3.677   3.643   3.227
0.451612903225806       3.743   3.737   3.712   3.667   3.61    3.22
0.483870967741936       3.708   3.702   3.675   3.622   3.582   3.218
0.516129032258065       3.565   3.558   3.527   3.484   3.464   3.078
0.548387096774194       3.476   3.47    3.447   3.39    3.337   2.997
0.580645161290323       3.434   3.428   3.406   3.336   3.277   2.918
0.612903225806452       3.363   3.356   3.327   3.288   3.24    2.894
0.645161290322581       3.313   3.308   3.283   3.248   3.217   2.866
0.67741935483871        3.302   3.296   3.268   3.245   3.208   2.802
0.709677419354839       3.245   3.238   3.209   3.189   3.173   2.781
```

```
0.741935483870968      3.055   3.049   3.024   2.986   2.954   2.681
0.774193548387097      2.985   2.981   2.965   2.932   2.903   2.648
0.806451612903226      2.949   2.942   2.908   2.851   2.798   2.396
0.838709677419355      2.683   2.679   2.662   2.63    2.604   2.214
0.870967741935484      2.568   2.563   2.541   2.506   2.48    2.152
0.903225806451613      2.426   2.423   2.407   2.377   2.354   2.115
0.935483870967742      0.7871  0.785   0.7757  0.757   0.7447  0.6061
0.967741935483871      0.3534  0.3529  0.3509  0.3141  0.3095  0.2308

0.1     4.8087  4.8008  4.767   4.6766  4.6136  4.1914
                                        Average of yearly averages:   3.01433

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: okraGrd
Metfile:       w93193.dvf
PRZM scenario: CAtomato_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.14    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
Interval 1     interval        10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 TurfMycloAir.out
Chemical: Myclobutanil
PRZM environment: CATurfRLF.txt       modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    3.204   3.193   3.153   3.073   3.021   2.346
1962    7.439   7.423   7.373   7.26    7.169   6.152
1963    10.71   10.69   10.62   10.45   10.33   9.051
1964    10.5    10.49   10.44   10.31   10.22   9.475
1965    10.47   10.45   10.4    10.31   10.22   9.504
1966    10.87   10.86   10.8    10.65   10.56   9.773
1967    11.42   11.41   11.37   11.25   11.17   10.26
1968    12.9    12.88   12.79   12.61   12.47   11.32
1969    14.29   14.27   14.18   14.04   13.93   12.76
1970    14.38   14.36   14.29   14.11   14      12.89
1971    14.86   14.84   14.78   14.6    14.47   13.27
1972    13.98   13.96   13.88   13.71   13.62   12.7
1973    15.42   15.4    15.3    15.09   14.94   13.69
1974    15.82   15.8    15.75   15.59   15.49   14.22
1975    17.12   17.1    17      16.78   16.6    15.16
1976    18.08   18.06   17.95   17.76   17.62   16.08
1977    18.36   18.33   18.23   17.98   17.8    16.33
1978    18.87   18.84   18.72   18.5    18.32   16.85
1979    20.72   20.69   20.56   20.37   20.24   18.47
```

1980	20.41	20.38	20.28	20.07	19.91	18.43
1981	19.31	19.28	19.21	18.98	18.79	17.5
1982	21.68	21.65	21.57	21.37	21.22	19.37
1983	21.42	21.39	21.31	21.04	20.85	19.24
1984	18.92	18.9	18.79	18.6	18.46	17.25
1985	18.53	18.51	18.4	18.2	18.06	16.75
1986	19.86	19.83	19.69	19.41	19.22	17.62
1987	19.46	19.44	19.32	19.11	18.96	17.49
1988	17.35	17.32	17.23	17.04	16.91	15.8
1989	16.42	16.39	16.3	16.08	15.94	14.82
1990	16.58	16.56	16.46	16.27	16.14	14.82

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129		21.68	21.65	21.57	21.37	21.22	19.37
0.0645161290322581		21.42	21.39	21.31	21.04	20.85	19.24
0.0967741935483871		20.72	20.69	20.56	20.37	20.24	18.47
0.129032258064516		20.41	20.38	20.28	20.07	19.91	18.43
0.161290322580645		19.86	19.83	19.69	19.41	19.22	17.62
0.193548387096774		19.46	19.44	19.32	19.11	18.96	17.5
0.225806451612903		19.31	19.28	19.21	18.98	18.79	17.49
0.258064516129032		18.92	18.9	18.79	18.6	18.46	17.25
0.290322580645161		18.87	18.84	18.72	18.5	18.32	16.85
0.32258064516129		18.53	18.51	18.4	18.2	18.06	16.75
0.354838709677419		18.36	18.33	18.23	17.98	17.8	16.33
0.387096774193548		18.08	18.06	17.95	17.76	17.62	16.08
0.419354838709677		17.35	17.32	17.23	17.04	16.91	15.8
0.451612903225806		17.12	17.1	17	16.78	16.6	15.16
0.483870967741936		16.58	16.56	16.46	16.27	16.14	14.82
0.516129032258065		16.42	16.39	16.3	16.08	15.94	14.82
0.548387096774194		15.82	15.8	15.75	15.59	15.49	14.22
0.580645161290323		15.42	15.4	15.3	15.09	14.94	13.69
0.612903225806452		14.86	14.84	14.78	14.6	14.47	13.27
0.645161290322581		14.38	14.36	14.29	14.11	14	12.89
0.67741935483871		14.29	14.27	14.18	14.04	13.93	12.76
0.709677419354839		13.98	13.96	13.88	13.71	13.62	12.7
0.741935483870968		12.9	12.88	12.79	12.61	12.47	11.32
0.774193548387097		11.42	11.41	11.37	11.25	11.17	10.26
0.806451612903226		10.87	10.86	10.8	10.65	10.56	9.773
0.838709677419355		10.71	10.69	10.62	10.45	10.33	9.504
0.870967741935484		10.5	10.49	10.44	10.31	10.22	9.475
0.903225806451613		10.47	10.45	10.4	10.31	10.22	9.051
0.935483870967742		7.439	7.423	7.373	7.26	7.169	6.152
0.967741935483871		3.204	3.193	3.153	3.073	3.021	2.346
0.1	20.689	20.659	20.532	20.34	20.207	18.466

Average of yearly averages: 13.9797

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: TurfMycloAir
Metfile: w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.21	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.21	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.21	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.21	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 TurfMycloGrd.out
Chemical: Myclobutanil
PRZM environment: CATurfRLF.txt      modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    1.629   1.623   1.602   1.561   1.534   1.165
1962    4.775   4.765   4.723   4.661   4.613   3.915
1963    7.151   7.137   7.088   6.973   6.888   5.95
1964    6.045   6.038   6.022   5.978   5.95    5.601
1965    5.316   5.309   5.298   5.275   5.252   4.966
1966    5.134   5.128   5.104   5.061   5.032   4.697
1967    5.358   5.35    5.323   5.267   5.214   4.777
1968    6.468   6.456   6.409   6.31    6.24    5.573
1969    7.608   7.596   7.55    7.503   7.452   6.793
1970    7.531   7.519   7.491   7.429   7.361   6.767
1971    7.82    7.81    7.796   7.716   7.644   6.965
1972    6.713   6.705   6.673   6.63    6.601   6.206
1973    8.105   8.092   8.039   7.919   7.832   7.114
1974    8.434   8.422   8.39    8.353   8.295   7.565
1975    9.694   9.68    9.622   9.488   9.383   8.423
1976    10.53   10.51   10.48   10.38   10.28   9.291
1977    10.8    10.78   10.71   10.56   10.45   9.523
1978    11.33   11.31   11.26   11.13   11.02   10.08
1979    13.3    13.28   13.19   13.06   13.01   11.77
1980    12.97   12.95   12.92   12.8    12.69   11.74
1981    11.81   11.79   11.74   11.61   11.5    10.75
1982    14.23   14.21   14.17   14.09   14.03   12.66
1983    13.93   13.91   13.87   13.7    13.57   12.53
1984    11.43   11.41   11.38   11.35   11.33   10.57
1985    11.1    11.08   11.02   10.87   10.79   10.05
1986    12.45   12.43   12.34   12.16   12.04   10.96
1987    12.01   11.99   11.96   11.9    11.81   10.84
1988    9.875   9.863   9.824   9.794   9.779   9.139
1989    8.921   8.909   8.858   8.744   8.666   8.115
1990    9.064   9.052   9.016   8.976   8.904   8.116

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       14.23   14.21   14.17   14.09   14.03   12.66
0.0645161290322581      13.93   13.91   13.87   13.7    13.57   12.53
0.0967741935483871      13.3    13.28   13.19   13.06   13.01   11.77
0.129032258064516       12.97   12.95   12.92   12.8    12.69   11.74
0.161290322580645       12.45   12.43   12.34   12.16   12.04   10.96
0.193548387096774       12.01   11.99   11.96   11.9    11.81   10.84
0.225806451612903       11.81   11.79   11.74   11.61   11.5    10.75
0.258064516129032       11.43   11.41   11.38   11.35   11.33   10.57
0.290322580645161       11.33   11.31   11.26   11.13   11.02   10.08
0.32258064516129        11.1    11.08   11.02   10.87   10.79   10.05
0.354838709677419       10.8    10.78   10.71   10.56   10.45   9.523
0.387096774193548       10.53   10.51   10.48   10.38   10.28   9.291
0.419354838709677       9.875   9.863   9.824   9.794   9.779   9.139
0.451612903225806       9.694   9.68    9.622   9.488   9.383   8.423
0.483870967741936       9.064   9.052   9.016   8.976   8.904   8.116
0.516129032258065       8.921   8.909   8.858   8.744   8.666   8.115
0.548387096774194       8.434   8.422   8.39    8.353   8.295   7.565
0.580645161290323       8.105   8.092   8.039   7.919   7.832   7.114
0.612903225806452       7.82    7.81    7.796   7.716   7.644   6.965
0.645161290322581       7.608   7.596   7.55    7.503   7.452   6.793
0.67741935483871        7.531   7.519   7.491   7.429   7.361   6.767
0.709677419354839       7.151   7.137   7.088   6.973   6.888   6.206
0.741935483870968       6.713   6.705   6.673   6.63    6.601   5.95
0.774193548387097       6.468   6.456   6.409   6.31    6.24    5.601
0.806451612903226       6.045   6.038   6.022   5.978   5.95    5.573
0.838709677419355       5.358   5.35    5.323   5.275   5.252   4.966
0.870967741935484       5.316   5.309   5.298   5.267   5.214   4.777
0.903225806451613       5.134   5.128   5.104   5.061   5.032   4.697
0.935483870967742       4.775   4.765   4.723   4.661   4.613   3.915
0.967741935483871       1.629   1.623   1.602   1.561   1.534   1.165
```

```
0.1    13.267  13.247  13.163  13.034  12.978  11.767
                                       Average of yearly averages:   8.08703333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: TurfMycloGrd
Metfile:       w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd     Kd      2.39    mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.21    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
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.21    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.21    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.21    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 TurfGRAN.out
Chemical: Myclobutanil
PRZM environment: CATurfRLF.txt       modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    3.906   3.896   3.855   3.772   3.713   2.907
1962    14.16   14.13   14.02   13.93   13.77   11.62
1963    27.75   27.69   27.46   26.98   26.68   22.37
1964    22.74   22.72   22.63   22.44   22.3    20.68
1965    19.11   19.08   19      18.84   18.69   17.79
1966    18.89   18.87   18.79   18.61   18.46   17.05
1967    24.73   24.68   24.51   24.16   23.89   20.63
1968    28.67   28.62   28.43   28.03   27.73   24.84
1969    33.14   33.09   32.89   32.74   32.65   29.85
1970    32.96   32.91   32.73   32.39   32.08   29.45
1971    29.81   29.77   29.71   29.53   29.31   27.32
1972    25.12   25.11   25.03   24.83   24.66   22.81
1973    27.58   27.54   27.39   27.11   26.83   24.5
1974    35.15   35.09   34.84   34.3    33.91   30.25
1975    39.93   39.86   39.61   39.22   38.86   34.81
1976    42.6    42.53   42.26   41.77   41.37   37.5
1977    45.02   44.95   44.66   44.04   43.59   39.34
1978    45.5    45.43   45.25   44.64   44.15   40.88
1979    52.23   52.19   51.87   51.39   51.01   46.21
1980    51.03   50.96   50.71   50.24   49.79   46.05
1981    46.8    46.73   46.6    46.13   45.69   42.52
1982    70.41   70.29   69.76   68.73   67.95   60.33
1983    66.78   66.69   66.42   65.84   65.22   60.31
1984    54.82   54.77   54.56   54.11   53.76   49.52
1985    47.21   47.16   46.94   46.58   46.52   43.54
1986    50.59   50.5    50.15   49.49   48.98   44.87
1987    47.87   47.8    47.56   47.21   46.84   43.07
1988    41.84   41.79   41.58   40.99   40.52   38.08
1989    36.32   36.27   36.08   35.67   35.5    33.4
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1990    39.12   39.06   38.82   38.28   37.88   34.25

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       70.41   70.29   69.76   68.73   67.95   60.33
0.0645161290322581      66.78   66.69   66.42   65.84   65.22   60.31
0.0967741935483871      54.82   54.77   54.56   54.11   53.76   49.52
0.129032258064516       52.23   52.19   51.87   51.39   51.01   46.21
0.161290322580645       51.03   50.96   50.71   50.24   49.79   46.05
0.193548387096774       50.59   50.5    50.15   49.49   48.98   44.87
0.225806451612903       47.87   47.8    47.56   47.21   46.84   43.54
0.258064516129032       47.21   47.16   46.94   46.58   46.52   43.07
0.290322580645161       46.8    46.73   46.6    46.13   45.69   42.52
0.32258064516129        45.5    45.43   45.25   44.64   44.15   40.88
0.354838709677419       45.02   44.95   44.66   44.04   43.59   39.34
0.387096774193548       42.6    42.53   42.26   41.77   41.37   38.08
0.419354838709677       41.84   41.79   41.58   40.99   40.52   37.5
0.451612903225806       39.93   39.86   39.61   39.22   38.86   34.81
0.483870967741936       39.12   39.06   38.82   38.28   37.88   34.25
0.516129032258065       36.32   36.27   36.08   35.67   35.5    33.4
0.548387096774194       35.15   35.09   34.84   34.3    33.91   30.25
0.580645161290323       33.14   33.09   32.89   32.74   32.65   29.85
0.612903225806452       32.96   32.91   32.73   32.39   32.08   29.45
0.645161290322581       29.81   29.77   29.71   29.53   29.31   27.32
0.67741935483871        28.67   28.62   28.43   28.03   27.73   24.84
0.709677419354839       27.75   27.69   27.46   27.11   26.83   24.5
0.741935483870968       27.58   27.54   27.39   26.98   26.68   22.81
0.774193548387097       25.12   25.11   25.03   24.83   24.66   22.37
0.806451612903226       24.73   24.68   24.51   24.16   23.89   20.68
0.838709677419355       22.74   22.72   22.63   22.44   22.3    20.63
0.870967741935484       19.11   19.08   19      18.84   18.69   17.79
0.903225806451613       18.89   18.87   18.79   18.61   18.46   17.05
0.935483870967742       14.16   14.13   14.02   13.93   13.77   11.62
0.967741935483871       3.906   3.896   3.855   3.772   3.713   2.907

0.1     54.561  54.512  54.291  53.838  53.485  49.189
                                        Average of yearly averages:   33.2249

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: TurfGRAN
Metfile:        w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     1       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    1.51    kg/ha
Application Efficiency:         APPEFF  1.00    fraction
Spray Drift     DRFT    0       fraction of application rate applied to pond
Application Date        Date    01-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 1.51    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 1.51    kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 1.51    kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 1.51    kg/ha
Interval 5      interval        14      days    Set to 0 or delete line for single app.
app. rate 5     apprate 1.51    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 hopAir.out
Chemical: Myclobutanil
PRZM environment: ORhopsSTD.txt   modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf   modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	3.041	3.032	2.993	2.915	2.865	1.927
1962	6.146	6.131	6.074	5.954	5.865	4.622
1963	9.89	9.868	9.779	9.593	9.459	7.76
1964	10.7	10.68	10.62	10.46	10.33	9.319
1965	11.89	11.87	11.79	11.63	11.5	10.33
1966	12.42	12.41	12.33	12.15	12.01	10.94
1967	12.83	12.81	12.74	12.55	12.41	11.27
1968	13.01	13	12.92	12.78	12.66	11.57
1969	13.47	13.45	13.37	13.15	13.07	12.08
1970	13.99	13.98	13.9	13.7	13.54	12.44
1971	16.68	16.65	16.54	16.3	16.16	14.3
1972	17.2	17.18	17.06	16.84	16.72	15.34
1973	17.02	17	16.9	16.66	16.5	15.32
1974	16.67	16.65	16.56	16.34	16.18	14.99
1975	16.38	16.36	16.32	16.13	15.98	14.78
1976	16.26	16.24	16.15	15.94	15.8	14.64
1977	16.13	16.11	16.02	15.89	15.74	14.55
1978	16.43	16.41	16.31	16.1	15.96	14.66
1979	16.29	16.27	16.21	16.04	15.88	14.68
1980	16.9	16.88	16.77	16.56	16.42	15.04
1981	17.13	17.1	17	16.83	16.71	15.38
1982	17.23	17.21	17.12	16.88	16.7	15.4
1983	16.75	16.73	16.65	16.44	16.28	15.08
1984	17.68	17.65	17.54	17.31	17.15	15.6
1985	18.43	18.39	18.26	17.91	17.64	16.4
1986	18.17	18.15	18.1	17.87	17.69	16.46
1987	17.97	17.94	17.83	17.57	17.38	16.26
1988	17.86	17.83	17.73	17.5	17.33	16.05
1989	17.23	17.21	17.1	16.87	16.69	15.52
1990	16.96	16.94	16.83	16.65	16.47	15.18

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			18.43	18.39	18.26	17.91	17.69	16.46
0.0645161290322581			18.17	18.15	18.1	17.87	17.64	16.4
0.0967741935483871			17.97	17.94	17.83	17.57	17.38	16.26
0.129032258064516			17.86	17.83	17.73	17.5	17.33	16.05
0.161290322580645			17.68	17.65	17.54	17.31	17.15	15.6
0.193548387096774			17.23	17.21	17.12	16.88	16.72	15.52
0.225806451612903			17.23	17.21	17.1	16.87	16.71	15.4
0.258064516129032			17.2	17.18	17.06	16.84	16.7	15.38
0.290322580645161			17.13	17.1	17	16.83	16.69	15.34
0.32258064516129			17.02	17	16.9	16.66	16.5	15.32
0.354838709677419			16.96	16.94	16.83	16.65	16.47	15.18
0.387096774193548			16.9	16.88	16.77	16.56	16.42	15.08
0.419354838709677			16.75	16.73	16.65	16.44	16.28	15.04
0.451612903225806			16.68	16.65	16.56	16.34	16.18	14.99
0.483870967741936			16.67	16.65	16.54	16.3	16.16	14.78
0.516129032258065			16.43	16.41	16.32	16.13	15.98	14.68
0.548387096774194			16.38	16.36	16.31	16.1	15.96	14.66
0.580645161290323			16.29	16.27	16.21	16.04	15.88	14.64
0.612903225806452			16.26	16.24	16.15	15.94	15.8	14.55
0.645161290322581			16.13	16.11	16.02	15.89	15.74	14.3
0.67741935483871			13.99	13.98	13.9	13.7	13.54	12.44
0.709677419354839			13.47	13.45	13.37	13.15	13.07	12.08
0.741935483870968			13.01	13	12.92	12.78	12.66	11.57
0.774193548387097			12.83	12.81	12.74	12.55	12.41	11.27
0.806451612903226			12.42	12.41	12.33	12.15	12.01	10.94
0.838709677419355			11.89	11.87	11.79	11.63	11.5	10.33
0.870967741935484			10.7	10.68	10.62	10.46	10.33	9.319
0.903225806451613			9.89	9.868	9.779	9.593	9.459	7.76
0.935483870967742			6.146	6.131	6.074	5.954	5.865	4.622
0.967741935483871			3.041	3.032	2.993	2.915	2.865	1.927
0.1	17.959	17.929	17.82	17.563	17.375	16.239		

Average of yearly averages: 13.2629333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hopAir

```
Metfile:       w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr    1.49e-06       torr
Solubility     sol     142    mg/L
Kd     Kd      2.39    mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    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 hopAir9.out
Chemical: Myclobutanil
PRZM environment: ORhopsSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    3.458   3.452   3.419   3.389   3.294   0.9735
1962    8.422   8.402   8.33    8.199   8.067   4.483
1963    12.26   12.25   12.21   12.09   11.6    8.592
1964    13.23   13.22   13.19   13.1    12.95   11.66
1965    14.81   14.79   14.72   14.61   14.39   12.84
1966    15.22   15.19   15.08   14.98   14.96   14.02
1967    15.91   15.89   15.81   15.71   15.65   14.4
1968    20.81   20.78   20.67   20.42   20.09   16.05
1969    26.05   26.02   25.89   25.73   25.58   20.69
1970    25.28   25.26   25.16   24.96   24.89   23.86
1971    28.14   28.12   28.01   27.81   27.7    24.61
1972    27.23   27.22   27.14   26.95   26.79   25.97
1973    26.85   26.82   26.68   26.42   26.25   25.31
1974    26.29   26.26   26.21   25.96   25.44   24.55
1975    25.83   25.81   25.74   25.56   25.31   24.58
1976    25.14   25.12   25.05   24.88   24.75   23.86
1977    23.66   23.62   23.51   23.41   23.35   22.59
1978    23.64   23.62   23.57   23.17   22.95   22
1979    28.89   28.85   28.72   28.44   27.57   23.52
1980    27.83   27.81   27.73   27.53   27.37   26.21
1981    30.53   30.48   30.32   29.99   29.77   25.78
1982    29.17   29.14   29.05   28.85   28.69   27.39
1983    26.74   26.71   26.61   26.37   26.19   25.3
1984    26.36   26.33   26.2    26.03   25.85   24.91
1985    25.63   25.6    25.54   25.45   25.21   24.42
1986    25.17   25.15   25.07   24.88   24.72   23.76
1987    23.59   23.57   23.51   23.35   23.22   22.38
1988    23.18   23.17   23.1    22.93   22.8    22.02
1989    23.04   23.01   22.93   22.82   22.56   21.48
1990    22.92   22.89   22.81   22.66   22.41   21.5

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129     30.53   30.48   30.32   29.99   29.77   27.39
0.0645161290322581    29.17   29.14   29.05   28.85   28.69   26.21
0.0967741935483871    28.89   28.85   28.72   28.44   27.7    25.97
```

```
0.129032258064516      28.14   28.12   28.01   27.81   27.57   25.78
0.161290322580645      27.83   27.81   27.73   27.53   27.37   25.31
0.193548387096774      27.23   27.22   27.14   26.95   26.79   25.3
0.225806451612903      26.85   26.82   26.68   26.42   26.25   24.91
0.258064516129032      26.74   26.71   26.61   26.37   26.19   24.61
0.290322580645161      26.36   26.33   26.21   26.03   25.85   24.58
0.32258064516129       26.29   26.26   26.2    25.96   25.58   24.55
0.354838709677419      26.05   26.02   25.89   25.73   25.44   24.42
0.387096774193548      25.83   25.81   25.74   25.56   25.31   23.86
0.419354838709677      25.63   25.6    25.54   25.45   25.21   23.86
0.451612903225806      25.28   25.26   25.16   24.96   24.89   23.76
0.483870967741936      25.17   25.15   25.07   24.88   24.75   23.52
0.516129032258065      25.14   25.12   25.05   24.88   24.72   22.59
0.548387096774194      23.66   23.62   23.57   23.41   23.35   22.38
0.580645161290323      23.64   23.62   23.51   23.35   23.22   22.02
0.612903225806452      23.59   23.57   23.51   23.17   22.95   22
0.645161290322581      23.18   23.17   23.1    22.93   22.8    21.5
0.67741935483871       23.04   23.01   22.93   22.82   22.56   21.48
0.709677419354839      22.92   22.89   22.81   22.66   22.41   20.69
0.741935483870968      20.81   20.78   20.67   20.42   20.09   16.05
0.774193548387097      15.91   15.89   15.81   15.71   15.65   14.4
0.806451612903226      15.22   15.19   15.08   14.98   14.96   14.02
0.838709677419355      14.81   14.79   14.72   14.61   14.39   12.84
0.870967741935484      13.23   13.22   13.19   13.1    12.95   11.66
0.903225806451613      12.26   12.25   12.21   12.09   11.6    8.592
0.935483870967742      8.422   8.402   8.33    8.199   8.067   4.483
0.967741935483871      3.458   3.452   3.419   3.389   3.294   0.9735

0.1     28.815  28.777  28.649  28.377  27.687  25.951
                                        Average of yearly averages:   20.3236166666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hopAir9
Metfile:        w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    01-09   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.28    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.28    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 hopGrd.out
Chemical: Myclobutanil
PRZM environment: ORhopsSTD.txt         modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf     modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.8768  0.874   0.8626  0.8394  0.8233  0.5437
```

1962	2.346	2.339	2.316	2.265	2.228	1.662
1963	4.822	4.809	4.759	4.655	4.583	3.53
1964	4.376	4.371	4.348	4.296	4.255	3.998
1965	4.604	4.598	4.57	4.513	4.476	4.084
1966	4.345	4.34	4.316	4.263	4.221	3.963
1967	4.121	4.117	4.097	4.046	4.004	3.73
1968	3.883	3.878	3.869	3.854	3.828	3.579
1969	3.938	3.93	3.898	3.833	3.79	3.623
1970	3.988	3.984	3.963	3.912	3.872	3.629
1971	6.423	6.411	6.361	6.281	6.228	5.215
1972	6.879	6.868	6.82	6.707	6.613	6.039
1973	6.257	6.25	6.218	6.149	6.097	5.783
1974	5.708	5.702	5.674	5.614	5.565	5.264
1975	5.361	5.354	5.323	5.27	5.225	4.917
1976	4.985	4.98	4.955	4.9	4.858	4.584
1977	4.746	4.74	4.715	4.668	4.634	4.348
1978	5.155	5.147	5.111	5.02	4.946	4.483
1979	4.915	4.909	4.879	4.814	4.769	4.478
1980	5.445	5.436	5.402	5.338	5.312	4.812
1981	5.678	5.671	5.634	5.561	5.556	5.121
1982	5.656	5.649	5.619	5.552	5.493	5.1
1983	5.216	5.209	5.186	5.147	5.105	4.798
1984	6.263	6.252	6.208	6.118	6.045	5.342
1985	7.272	7.256	7.196	7.041	6.93	6.103
1986	6.653	6.644	6.606	6.544	6.487	6.15
1987	6.53	6.517	6.465	6.344	6.265	6.004
1988	6.362	6.354	6.321	6.247	6.19	5.823
1989	5.736	5.728	5.696	5.632	5.581	5.289
1990	5.517	5.51	5.477	5.414	5.356	4.991

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			7.272	7.256	7.196	7.041	6.93	6.15
0.0645161290322581			6.879	6.868	6.82	6.707	6.613	6.103
0.0967741935483871			6.653	6.644	6.606	6.544	6.487	6.039
0.129032258064516			6.53	6.517	6.465	6.344	6.265	6.004
0.161290322580645			6.423	6.411	6.361	6.281	6.228	5.823
0.193548387096774			6.362	6.354	6.321	6.247	6.19	5.783
0.225806451612903			6.263	6.252	6.218	6.149	6.097	5.342
0.258064516129032			6.257	6.25	6.208	6.118	6.045	5.289
0.290322580645161			5.736	5.728	5.696	5.632	5.581	5.264
0.32258064516129			5.708	5.702	5.674	5.614	5.565	5.215
0.354838709677419			5.678	5.671	5.634	5.561	5.556	5.121
0.387096774193548			5.656	5.649	5.619	5.552	5.493	5.1
0.419354838709677			5.517	5.51	5.477	5.414	5.356	4.991
0.451612903225806			5.445	5.436	5.402	5.338	5.312	4.917
0.483870967741936			5.361	5.354	5.323	5.27	5.225	4.812
0.516129032258065			5.216	5.209	5.186	5.147	5.105	4.798
0.548387096774194			5.155	5.147	5.111	5.02	4.946	4.584
0.580645161290323			4.985	4.98	4.955	4.9	4.858	4.483
0.612903225806452			4.915	4.909	4.879	4.814	4.769	4.478
0.645161290322581			4.822	4.809	4.759	4.668	4.634	4.348
0.67741935483871			4.746	4.74	4.715	4.655	4.583	4.084
0.709677419354839			4.604	4.598	4.57	4.513	4.476	3.998
0.741935483870968			4.376	4.371	4.348	4.296	4.255	3.963
0.774193548387097			4.345	4.34	4.316	4.263	4.221	3.73
0.806451612903226			4.121	4.117	4.097	4.046	4.004	3.629
0.838709677419355			3.988	3.984	3.963	3.912	3.872	3.623
0.870967741935484			3.938	3.93	3.898	3.854	3.828	3.579
0.903225806451613			3.883	3.878	3.869	3.833	3.79	3.53
0.935483870967742			2.346	2.339	2.316	2.265	2.228	1.662
0.967741935483871			0.8768	0.874	0.8626	0.8394	0.8233	0.5437
0.1	6.6407	6.6313	6.5919	6.524	6.4648	6.0355		

Average of yearly averages: 4.56619

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hopGrd
Metfile: w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	

```
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    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 hopGrd9.out
Chemical: Myclobutanil
PRZM environment: ORhopsSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    1.415   1.412   1.403   1.39    1.271   0.3458
1962    4.786   4.773   4.726   4.64    4.525   2.12
1963    7.427   7.415   7.4     7.325   6.793   4.855
1964    7.292   7.285   7.264   7.218   7.012   6.777
1965    7.977   7.968   7.928   7.849   7.551   6.932
1966    7.784   7.777   7.75    7.692   7.647   7.319
1967    7.718   7.71    7.672   7.598   7.534   7.063
1968    12.18   12.16   12.09   11.92   11.6    8.243
1969    17.13   17.1    17.01   16.87   16.78   12.55
1970    16.39   16.37   16.31   16.18   16.08   15.44
1971    18.63   18.6    18.53   18.36   18.26   15.82
1972    18.01   18      17.95   17.82   17.72   16.94
1973    16.93   16.92   16.87   16.76   16.67   16.01
1974    16.17   16.16   16.12   15.93   15.64   15.03
1975    15.86   15.84   15.79   15.66   15.57   14.91
1976    15.04   15.03   14.98   14.88   14.8    13.97
1977    13.19   13.19   13.15   13.07   13      12.49
1978    13.02   13.01   13      12.59   12.3    11.89
1979    18.31   18.29   18.17   17.98   17.05   13.43
1980    17.56   17.54   17.49   17.35   17.25   16.19
1981    19.76   19.73   19.61   19.39   19.22   15.69
1982    18.82   18.81   18.75   18.61   18.5    17.33
1983    16.18   16.17   16.12   16      15.91   15.18
1984    15.64   15.62   15.57   15.45   15.35   14.78
1985    15.02   15.01   14.97   14.89   14.81   14.19
1986    14.52   14.51   14.46   14.35   14.26   13.47
1987    12.93   12.92   12.89   12.81   12.73   12.09
1988    12.59   12.58   12.54   12.45   12.37   11.75
1989    12.19   12.17   12.13   12.07   11.74   11.21
1990    12.13   12.11   12.06   11.97   11.73   11.28

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      19.76   19.73   19.61   19.39   19.22   17.33
0.0645161290322581     18.82   18.81   18.75   18.61   18.5    16.94
0.0967741935483871     18.63   18.6    18.53   18.36   18.26   16.19
0.129032258064516      18.31   18.29   18.17   17.98   17.72   16.01
0.161290322580645      18.01   18      17.95   17.82   17.25   15.82
0.193548387096774      17.56   17.54   17.49   17.35   17.05   15.69
0.225806451612903      17.13   17.1    17.01   16.87   16.78   15.44
0.258064516129032      16.93   16.92   16.87   16.76   16.67   15.18
0.290322580645161      16.39   16.37   16.31   16.18   16.08   15.03
0.32258064516129       16.18   16.17   16.12   16      15.91   14.91
0.354838709677419      16.17   16.16   16.12   15.93   15.64   14.78
0.387096774193548      15.86   15.84   15.79   15.66   15.57   14.19
0.419354838709677      15.64   15.62   15.57   15.45   15.35   13.97
0.451612903225806      15.04   15.03   14.98   14.89   14.81   13.47
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0.483870967741936      15.02   15.01   14.97   14.88   14.8    13.43
0.516129032258065      14.52   14.51   14.46   14.35   14.26   12.55
0.548387096774194      13.19   13.19   13.15   13.07   13      12.49
0.580645161290323      13.02   13.01   13      12.81   12.73   12.09
0.612903225806452      12.93   12.92   12.89   12.59   12.37   11.89
0.645161290322581      12.59   12.58   12.54   12.45   12.3    11.75
0.67741935483871       12.19   12.17   12.13   12.07   11.74   11.28
0.709677419354839      12.18   12.16   12.09   11.97   11.73   11.21
0.741935483870968      12.13   12.11   12.06   11.92   11.6    8.243
0.774193548387097      7.977   7.968   7.928   7.849   7.647   7.319
0.806451612903226      7.784   7.777   7.75    7.692   7.551   7.063
0.838709677419355      7.718   7.71    7.672   7.598   7.534   6.932
0.870967741935484      7.427   7.415   7.4     7.325   7.012   6.777
0.903225806451613      7.292   7.285   7.264   7.218   6.793   4.855
0.935483870967742      4.786   4.773   4.726   4.64    4.525   2.12
0.967741935483871      1.415   1.412   1.403   1.39    1.271   0.3458

0.1     18.598  18.569  18.494  18.322  18.206  16.172
                                        Average of yearly averages:   11.84316

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hopGrd9
Metfile:        w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr     1.49e-06        torr
Solubility      sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     251     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    01-09   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.28    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.28    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 MintMycloAir.out
Chemical: Myclobutanil
PRZM environment: ORmintSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    1.215   1.213   1.204   1.198   1.165   0.5038
1962    2.808   2.803   2.783   2.746   2.709   1.717
1963    4.252   4.245   4.236   4.194   4.027   3.092
1964    4.687   4.676   4.637   4.586   4.523   4.219
1965    5.087   5.075   5.029   4.989   4.947   4.636
1966    5.445   5.434   5.385   5.293   5.246   4.96
1967    5.637   5.631   5.605   5.555   5.518   5.129
1968    7.104   7.088   7.031   6.938   6.875   5.87
1969    10.04   10.02   9.945   9.84    9.758   7.403
1970    9.562   9.555   9.518   9.476   9.45    9.202
1971    11.92   11.9    11.81   11.71   11.63   9.876
1972    11.23   11.22   11.19   11.11   11.05   10.84
```

1973	10.84	10.84	10.81	10.74	10.68	10.42
1974	10.11	10.09	10.06	10	9.953	9.77
1975	9.878	9.859	9.815	9.745	9.692	9.481
1976	9.327	9.31	9.246	9.132	9.057	8.882
1977	8.879	8.859	8.793	8.762	8.719	8.445
1978	8.546	8.528	8.471	8.402	8.347	8.162
1979	10.04	10.02	9.979	9.888	9.796	8.411
1980	9.709	9.69	9.651	9.587	9.534	9.299
1981	10.99	10.97	10.91	10.79	10.71	9.258
1982	10.5	10.49	10.46	10.39	10.33	10.02
1983	10.19	10.17	10.1	9.953	9.887	9.461
1984	9.817	9.806	9.76	9.699	9.64	9.374
1985	9.541	9.519	9.498	9.446	9.4	9.217
1986	9.207	9.19	9.115	9.049	8.994	8.795
1987	9.742	9.721	9.629	9.481	9.374	8.698
1988	9.195	9.176	9.107	9.045	8.995	8.831
1989	8.919	8.902	8.833	8.748	8.704	8.56
1990	8.595	8.576	8.499	8.43	8.382	8.231

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			11.92	11.9	11.81	11.71	11.63	10.84
0.0645161290322581			11.23	11.22	11.19	11.11	11.05	10.42
0.0967741935483871			10.99	10.97	10.91	10.79	10.71	10.02
0.129032258064516			10.84	10.84	10.81	10.74	10.68	9.876
0.161290322580645			10.5	10.49	10.46	10.39	10.33	9.77
0.193548387096774			10.19	10.17	10.1	10	9.953	9.481
0.225806451612903			10.11	10.09	10.06	9.953	9.887	9.461
0.258064516129032			10.04	10.02	9.979	9.888	9.796	9.374
0.290322580645161			10.04	10.02	9.945	9.84	9.758	9.299
0.32258064516129			9.878	9.859	9.815	9.745	9.692	9.258
0.354838709677419			9.817	9.806	9.76	9.699	9.64	9.217
0.387096774193548			9.742	9.721	9.651	9.587	9.534	9.202
0.419354838709677			9.709	9.69	9.629	9.481	9.45	8.882
0.451612903225806			9.562	9.555	9.518	9.476	9.4	8.831
0.483870967741936			9.541	9.519	9.498	9.446	9.374	8.795
0.516129032258065			9.327	9.31	9.246	9.132	9.057	8.698
0.548387096774194			9.207	9.19	9.115	9.049	8.995	8.56
0.580645161290323			9.195	9.176	9.107	9.045	8.994	8.445
0.612903225806452			8.919	8.902	8.833	8.762	8.719	8.411
0.645161290322581			8.879	8.859	8.793	8.748	8.704	8.231
0.67741935483871			8.595	8.576	8.499	8.43	8.382	8.162
0.709677419354839			8.546	8.528	8.471	8.402	8.347	7.403
0.741935483870968			7.104	7.088	7.031	6.938	6.875	5.87
0.774193548387097			5.637	5.631	5.605	5.555	5.518	5.129
0.806451612903226			5.445	5.434	5.385	5.293	5.246	4.96
0.838709677419355			5.087	5.075	5.029	4.989	4.947	4.636
0.870967741935484			4.687	4.676	4.637	4.586	4.523	4.219
0.903225806451613			4.252	4.245	4.236	4.194	4.027	3.092
0.935483870967742			2.808	2.803	2.783	2.746	2.709	1.717
0.967741935483871			1.215	1.213	1.204	1.198	1.165	0.5038
0.1	10.975	10.957	10.9	10.785	10.707	10.0056		

Average of yearly averages: 7.69209333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: MintMycloAir
Metfile: w24232.dvf
PRZM scenario: ORmintSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-07	dd/mm or dd/mmm or dd-mm or dd-mmm	

```
Interval 1     interval       14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14   kg/ha
Interval 2     interval       14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14   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 MintMycloGrd.out
Chemical: Myclobutanil
PRZM environment: ORmintSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.5087  0.5078  0.5049  0.5002  0.4605  0.1594
1962    1.529   1.525   1.511   1.485   1.454   0.7527
1963    2.537   2.533   2.525   2.499   2.319   1.631
1964    2.511   2.508   2.503   2.488   2.407   2.347
1965    2.606   2.604   2.592   2.572   2.509   2.399
1966    2.55    2.548   2.54    2.522   2.508   2.434
1967    2.736   2.734   2.719   2.692   2.639   2.38
1968    3.907   3.897   3.861   3.814   3.778   2.965
1969    6.862   6.843   6.792   6.719   6.656   4.37
1970    6.432   6.425   6.4     6.345   6.303   6.095
1971    8.503   8.484   8.415   8.362   8.301   6.656
1972    8.008   8.002   7.977   7.92    7.873   7.563
1973    7.507   7.502   7.481   7.432   7.391   7.024
1974    6.655   6.651   6.634   6.595   6.561   6.283
1975    6.356   6.351   6.33    6.282   6.247   5.931
1976    5.592   5.588   5.572   5.538   5.511   5.234
1977    4.936   4.928   4.898   4.854   4.842   4.726
1978    4.719   4.716   4.702   4.669   4.641   4.436
1979    6.259   6.248   6.221   6.156   6.057   4.682
1980    6.014   6.01    5.991   5.948   5.913   5.59
1981    7.176   7.164   7.119   7.031   6.967   5.531
1982    6.818   6.812   6.789   6.738   6.698   6.314
1983    6.22    6.206   6.159   6.067   6.036   5.738
1984    5.961   5.954   5.925   5.897   5.847   5.649
1985    5.792   5.789   5.776   5.743   5.715   5.457
1986    5.363   5.359   5.341   5.302   5.269   5.009
1987    5.59    5.578   5.555   5.462   5.391   4.929
1988    5.402   5.398   5.382   5.344   5.313   5.082
1989    5.099   5.095   5.079   5.045   5.019   4.807
1990    4.767   4.763   4.748   4.714   4.686   4.483

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       8.503   8.484   8.415   8.362   8.301   7.563
0.0645161290322581      8.008   8.002   7.977   7.92    7.873   7.024
0.0967741935483871      7.507   7.502   7.481   7.432   7.391   6.656
0.129032258064516       7.176   7.164   7.119   7.031   6.967   6.314
0.161290322580645       6.862   6.843   6.792   6.738   6.698   6.283
0.193548387096774       6.818   6.812   6.789   6.719   6.656   6.095
0.225806451612903       6.655   6.651   6.634   6.595   6.561   5.931
0.258064516129032       6.432   6.425   6.4     6.345   6.303   5.738
0.290322580645161       6.356   6.351   6.33    6.282   6.247   5.649
0.32258064516129        6.259   6.248   6.221   6.156   6.057   5.59
0.354838709677419       6.22    6.206   6.159   6.067   6.036   5.531
0.387096774193548       6.014   6.01    5.991   5.948   5.913   5.457
0.419354838709677       5.961   5.954   5.925   5.897   5.847   5.234
0.451612903225806       5.792   5.789   5.776   5.743   5.715   5.082
0.483870967741936       5.592   5.588   5.572   5.538   5.511   5.009
0.516129032258065       5.59    5.578   5.555   5.462   5.391   4.929
0.548387096774194       5.402   5.398   5.382   5.344   5.313   4.807
0.580645161290323       5.363   5.359   5.341   5.302   5.269   4.726
0.612903225806452       5.099   5.095   5.079   5.045   5.019   4.682
0.645161290322581       4.936   4.928   4.898   4.854   4.842   4.483
0.67741935483871        4.767   4.763   4.748   4.714   4.686   4.436
0.709677419354839       4.719   4.716   4.702   4.669   4.641   4.37
0.741935483870968       3.907   3.897   3.861   3.814   3.778   2.965
0.774193548387097       2.736   2.734   2.719   2.692   2.639   2.434
0.806451612903226       2.606   2.604   2.592   2.572   2.509   2.399
0.838709677419355       2.55    2.548   2.54    2.522   2.508   2.38
```

```
0.870967741935484      2.537   2.533   2.525   2.499   2.407   2.347
0.903225806451613      2.511   2.508   2.503   2.488   2.319   1.631
0.935483870967742      1.529   1.525   1.511   1.485   1.454   0.7527
0.967741935483871      0.5087  0.5078  0.5049  0.5002  0.4605  0.1594

0.1     7.4739  7.4682  7.4448  7.3919  7.3486  6.6218
                                        Average of yearly averages:   4.55523666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: MintMycloGrd
Metfile:       w24232.dvf
PRZM scenario: ORmintSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr    1.49e-06        torr
Solubility     sol     142     mg/L
Kd      Kd      2.39    mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   502     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     251     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.14    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
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    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 AppleAirH.out
Chemical: Myclobutanil +124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    5.547   5.537   5.49    5.394   5.314   3.861
1962    10.33   10.31   10.23   10.07   9.933   8.205
1963    19.18   19.15   19.05   18.77   18.52   15.21
1964    20.54   20.52   20.4    20.14   19.9    17.84
1965    27.28   27.24   27.13   26.77   26.47   22.99
1966    26.97   26.93   26.75   26.33   26.02   23.55
1967    30.6    30.58   30.44   30.2    29.88   26.33
1968    29.44   29.4    29.24   28.85   28.51   25.94
1969    35.19   35.14   34.94   34.41   33.95   29.65
1970    32.99   32.95   32.79   32.36   32.01   29.33
1971    39.29   39.24   39.03   38.5    37.98   33.79
1972    36.48   36.43   36.24   35.75   35.38   32.49
1973    35.46   35.42   35.23   34.74   34.33   31.2
1974    33.1    33.06   32.89   32.45   32.1    29.17
1975    31.54   31.51   31.38   31      30.67   27.92
1976    30.78   30.75   30.6    30.2    29.88   27.47
1977    30.86   30.82   30.62   30.19   29.88   27.01
1978    32.96   32.92   32.75   32.35   31.94   28.28
1979    30.83   30.8    30.62   30.17   29.83   26.9
1980    29.14   29.11   28.94   28.55   28.25   25.48
1981    28.86   28.83   28.68   28.39   28.06   25
1982    31.17   31.14   30.97   30.54   30.15   26.6
1983    31.73   31.68   31.44   30.87   30.67   27.58
1984    30.05   30.01   29.84   29.39   29.03   26.06
1985    28.68   28.64   28.45   27.99   27.66   24.82
```

1986	29.2	29.16	28.98	28.54	28.2	25.13
1987	32.81	32.77	32.54	32.21	31.98	29.07
1988	36.54	36.48	36.26	35.69	35.21	30.8
1989	39.03	38.97	38.69	38.28	37.95	33.49
1990	37.89	37.82	37.48	36.74	36.55	33.6

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			39.29	39.24	39.03	38.5	37.98	33.79
0.0645161290322581			39.03	38.97	38.69	38.28	37.95	33.6
0.0967741935483871			37.89	37.82	37.48	36.74	36.55	33.49
0.129032258064516			36.54	36.48	36.26	35.75	35.38	32.49
0.161290322580645			36.48	36.43	36.24	35.69	35.21	31.2
0.193548387096774			35.46	35.42	35.23	34.74	34.33	30.8
0.225806451612903			35.19	35.14	34.94	34.41	33.95	29.65
0.258064516129032			33.1	33.06	32.89	32.45	32.1	29.33
0.290322580645161			32.99	32.95	32.79	32.36	32.01	29.17
0.32258064516129			32.96	32.92	32.75	32.35	31.98	29.07
0.354838709677419			32.81	32.77	32.54	32.21	31.94	28.28
0.387096774193548			31.73	31.68	31.44	31	30.67	27.92
0.419354838709677			31.54	31.51	31.38	30.87	30.67	27.58
0.451612903225806			31.17	31.14	30.97	30.54	30.15	27.47
0.483870967741936			30.86	30.82	30.62	30.2	29.88	27.01
0.516129032258065			30.83	30.8	30.62	30.2	29.88	26.9
0.548387096774194			30.78	30.75	30.6	30.19	29.88	26.6
0.580645161290323			30.6	30.58	30.44	30.17	29.83	26.33
0.612903225806452			30.05	30.01	29.84	29.39	29.03	26.06
0.645161290322581			29.44	29.4	29.24	28.85	28.51	25.94
0.67741935483871			29.2	29.16	28.98	28.55	28.25	25.48
0.709677419354839			29.14	29.11	28.94	28.54	28.2	25.13
0.741935483870968			28.86	28.83	28.68	28.39	28.06	25
0.774193548387097			28.68	28.64	28.45	27.99	27.66	24.82
0.806451612903226			27.28	27.24	27.13	26.77	26.47	23.55
0.838709677419355			26.97	26.93	26.75	26.33	26.02	22.99
0.870967741935484			20.54	20.52	20.4	20.14	19.9	17.84
0.903225806451613			19.18	19.15	19.05	18.77	18.52	15.21
0.935483870967742			10.33	10.31	10.23	10.07	9.933	8.205
0.967741935483871			5.547	5.537	5.49	5.394	5.314	3.861
0.1	37.755	37.686	37.358	36.641	36.433	33.39		

Average of yearly averages: 25.8255333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File:	AppleAirH			
Metfile:	w93193.dvf			
PRZM scenario:	CAfruit_WirrigSTD.txt			
EXAMS environment file:	pond298.exv			
Chemical Name:	Myclobutanil +124T			
Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.56	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.56	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.56	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.56	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 AppleAirL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt   modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	5.468	5.458	5.418	5.311	5.212	3.72
1962	10.55	10.53	10.45	10.27	10.12	8.395
1963	17.74	17.72	17.59	17.3	17.07	14.3
1964	19.41	19.38	19.26	18.98	18.74	17.04
1965	24.86	24.83	24.65	24.3	24.04	21.44
1966	25.49	25.45	25.26	24.87	24.58	22.48
1967	30.44	30.41	30.19	29.77	29.38	25.86
1968	28.83	28.79	28.6	28.2	27.88	25.89
1969	33.16	33.11	32.86	32.43	32.1	28.78
1970	32.12	32.09	31.85	31.41	31.06	28.78
1971	38.41	38.36	38.13	37.75	37.31	33.28
1972	35.55	35.5	35.24	34.82	34.47	32.03
1973	34.87	34.82	34.55	34.09	33.7	31.01
1974	32.71	32.67	32.44	32.01	31.66	29.24
1975	32.15	32.12	31.9	31.48	31.14	28.67
1976	31.5	31.46	31.24	30.82	30.5	28.61
1977	32.24	32.19	32	31.62	31.27	28.67
1978	33.24	33.2	32.95	32.46	32.09	29.09
1979	31.28	31.23	31	30.57	30.22	27.6
1980	29.63	29.59	29.4	29.01	28.72	26.19
1981	29.52	29.48	29.26	28.82	28.43	25.66
1982	29.94	29.91	29.69	29.28	28.98	26.46
1983	34.27	34.22	33.95	33.31	32.77	29.07
1984	31.47	31.43	31.16	30.7	30.34	27.64
1985	29.73	29.68	29.46	29.05	28.69	26.15
1986	31.25	31.22	28.85	28.43	28.08	25.64
1987	35.87	35.8	35.51	35.12	34.77	32.06
1988	37.96	37.91	37.65	37.18	36.68	32.45
1989	37.8	37.73	37.45	36.96	36.58	33.17
1990	38.71	38.65	38.29	37.38	36.93	33.72

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			38.71	38.65	38.29	37.75	37.31	33.72
0.0645161290322581			38.41	38.36	38.13	37.38	36.93	33.28
0.0967741935483871			37.96	37.91	37.65	37.18	36.68	33.17
0.129032258064516			37.8	37.73	37.45	36.96	36.58	32.45
0.161290322580645			35.87	35.8	35.51	35.12	34.77	32.06
0.193548387096774			35.55	35.5	35.24	34.82	34.47	32.03
0.225806451612903			34.87	34.82	34.55	34.09	33.7	31.01
0.258064516129032			34.27	34.22	33.95	33.31	32.77	29.24
0.290322580645161			33.24	33.2	32.95	32.46	32.1	29.09
0.32258064516129			33.16	33.11	32.86	32.43	32.09	29.07
0.354838709677419			32.71	32.67	32.44	32.01	31.66	28.78
0.387096774193548			32.24	32.19	32	31.62	31.27	28.78
0.419354838709677			32.15	32.12	31.9	31.48	31.14	28.67
0.451612903225806			32.12	32.09	31.85	31.41	31.06	28.67
0.483870967741936			31.5	31.46	31.24	30.82	30.5	28.61
0.516129032258065			31.47	31.43	31.16	30.7	30.34	27.64
0.548387096774194			31.28	31.23	31	30.57	30.22	27.6
0.580645161290323			31.25	31.22	30.19	29.77	29.38	26.46
0.612903225806452			30.44	30.41	29.69	29.28	28.98	26.19
0.645161290322581			29.94	29.91	29.46	29.05	28.72	26.15
0.67741935483871			29.73	29.68	29.4	29.01	28.69	25.89
0.709677419354839			29.63	29.59	29.26	28.82	28.43	25.86
0.741935483870968			29.52	29.48	28.85	28.43	28.08	25.66
0.774193548387097			28.83	28.79	28.6	28.2	27.88	25.64
0.806451612903226			25.49	25.45	25.26	24.87	24.58	22.48
0.838709677419355			24.86	24.83	24.65	24.3	24.04	21.44
0.870967741935484			19.41	19.38	19.26	18.98	18.74	17.04
0.903225806451613			17.74	17.72	17.59	17.3	17.07	14.3
0.935483870967742			10.55	10.53	10.45	10.27	10.12	8.395
0.967741935483871			5.468	5.458	5.418	5.311	5.212	3.72
0.1	37.944	37.892	37.63	37.158	36.67	33.098		

Average of yearly averages: 26.1031666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

```
Output File: AppleAirL
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd      Kd      0.719  mg/L
Koc     Koc            mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval       7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval       7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval       7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval       7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval       7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 AppleGrdH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.506   1.505   1.499   1.25    1.132   0.8251
1962    2.553   2.549   2.531   2.492   2.459   2.093
1963    9.088   9.074   9.022   8.887   8.763   6.797
1964    8.181   8.172   8.131   8.035   7.96    7.471
1965    13.52   13.5    13.47   13.32   13.2    11.25
1966    11.77   11.76   11.68   11.54   11.42   10.67
1967    14.87   14.86   14.79   14.59   14.46   12.72
1968    12.88   12.86   12.8    12.63   12.49   11.73
1969    18.24   18.22   18.1    17.82   17.57   14.94
1970    16.14   16.13   15.99   15.13   15      14.19
1971    21.83   21.8    21.67   21.38   21.1    18.46
1972    18.32   18.3    18.2    18.04   17.89   16.85
1973    17.03   17.01   16.92   16.75   16.58   15.32
1974    14.48   14.47   14.4    14.24   14.11   13.11
1975    12.8    12.79   12.73   12.61   12.5    11.61
1976    11.63   11.61   11.56   11.44   11.33   10.78
1977    11.41   11.39   11.32   11.19   11.09   10.23
1978    14.04   14.03   13.95   13.75   13.57   11.84
1979    11.87   11.86   11.79   11.66   11.54   10.6
1980    10.38   10.37   10.32   10.2    10.1    9.282
1981    10.22   10.21   10.14   10.05   9.949   8.959
1982    12.72   12.71   12.63   12.45   12.29   10.58
1983    13.43   13.41   13.31   13.06   12.85   11.47
1984    11.47   11.46   11.4    11.26   11.14   10.23
1985    10.39   10.37   10.3    10.17   10.06   9.221
1986    13.81   13.8    11.63   10.94   10.82   9.685
1987    15.27   15.24   15.12   14.83   14.82   13.8
```

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1988    19.02   18.99   18.87   18.55   18.26   15.51
1989    21.31   21.28   21.15   21.02   20.9    18.28
1990    20.9    20.86   20.67   20.18   19.78   18.31

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       21.83   21.8    21.67   21.38   21.1    18.46
0.0645161290322581      21.31   21.28   21.15   21.02   20.9    18.31
0.0967741935483871      20.9    20.86   20.67   20.18   19.78   18.28
0.129032258064516       19.02   18.99   18.87   18.55   18.26   16.85
0.161290322580645       18.32   18.3    18.2    18.04   17.89   15.51
0.193548387096774       18.24   18.22   18.1    17.82   17.57   15.32
0.225806451612903       17.03   17.01   16.92   16.75   16.58   14.94
0.258064516129032       16.14   16.13   15.99   15.13   15      14.19
0.290322580645161       15.27   15.24   15.12   14.83   14.82   13.8
0.32258064516129        14.87   14.86   14.79   14.59   14.46   13.11
0.354838709677419       14.48   14.47   14.4    14.24   14.11   12.72
0.387096774193548       14.04   14.03   13.95   13.75   13.57   11.84
0.419354838709677       13.81   13.8    13.47   13.32   13.2    11.73
0.451612903225806       13.52   13.5    13.31   13.06   12.85   11.61
0.483870967741936       13.43   13.41   12.8    12.63   12.5    11.47
0.516129032258065       12.88   12.86   12.73   12.61   12.49   11.25
0.548387096774194       12.8    12.79   12.63   12.45   12.29   10.78
0.580645161290323       12.72   12.71   11.79   11.66   11.54   10.67
0.612903225806452       11.87   11.86   11.68   11.54   11.42   10.6
0.645161290322581       11.77   11.76   11.63   11.44   11.33   10.58
0.67741935483871        11.63   11.61   11.56   11.26   11.14   10.23
0.709677419354839       11.47   11.46   11.4    11.19   11.09   10.23
0.741935483870968       11.41   11.39   11.32   10.94   10.82   9.685
0.774193548387097       10.39   10.37   10.32   10.2    10.1    9.282
0.806451612903226       10.38   10.37   10.3    10.17   10.06   9.221
0.838709677419355       10.22   10.21   10.14   10.05   9.949   8.959
0.870967741935484       9.088   9.074   9.022   8.887   8.763   7.471
0.903225806451613       8.181   8.172   8.131   8.035   7.96    6.797
0.935483870967742       2.553   2.549   2.531   2.492   2.459   2.093
0.967741935483871       1.506   1.505   1.499   1.25    1.132   0.8251

0.1     20.712  20.673  20.49   20.017  19.628  18.137
                                        Average of yearly averages:   11.5604366666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleGrdH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.56    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.56    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.56    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.56    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 AppleGrdL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	1.92	1.918	1.909	1.499	1.302	0.8308
1962	2.896	2.891	2.871	2.824	2.785	2.42
1963	7.626	7.616	7.557	7.454	7.376	5.967
1964	8.045	8.038	8.006	7.948	7.393	6.744
1965	11.15	11.14	11.08	10.96	10.87	9.733
1966	10.57	10.57	10.53	10.27	10.19	9.626
1967	14.64	14.62	14.55	14.35	14.15	12.3
1968	13.02	13	12.97	12.88	12.21	11.76
1969	16.23	16.21	16.14	16	15.83	14.1
1970	16.24	16.22	16.07	14.41	14.31	13.68
1971	20.88	20.86	20.79	20.6	20.36	17.99
1972	17.55	17.53	17.45	17.34	17.25	16.42
1973	16.61	16.59	16.51	16.39	16.28	15.18
1974	14.27	14.25	14.18	14.06	13.96	13.25
1975	13.57	13.55	13.49	13.36	13.26	12.45
1976	13.25	13.23	13.15	13	12.91	12.03
1977	13.12	13.1	13.04	12.95	12.86	12.02
1978	14.43	14.42	14.33	14.11	13.97	12.74
1979	12.56	12.54	12.47	12.35	12.26	11.39
1980	11.1	11.09	11.03	10.93	10.84	10.07
1981	11	10.99	10.92	10.77	10.64	9.697
1982	11.61	11.6	11.53	11.42	11.32	10.49
1983	15.92	15.89	15.76	15.45	15.2	13.08
1984	13.16	13.14	13.07	12.94	12.84	11.94
1985	11.75	11.73	11.67	11.56	11.47	10.66
1986	17.33	17.31	13.75	11.09	11	10.26
1987	18.71	18.68	18.52	18.14	18	16.96
1988	20.45	20.42	20.35	20.07	19.78	17.28
1989	20.47	20.44	20.28	19.89	19.72	17.99
1990	21.6	21.56	21.35	20.84	20.43	18.48

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			21.6	21.56	21.35	20.84	20.43	18.48
0.0645161290322581			20.88	20.86	20.79	20.6	20.36	17.99
0.0967741935483871			20.47	20.44	20.35	20.07	19.78	17.99
0.129032258064516			20.45	20.42	20.28	19.89	19.72	17.28
0.161290322580645			18.71	18.68	18.52	18.14	18	16.96
0.193548387096774			17.55	17.53	17.45	17.34	17.25	16.42
0.225806451612903			17.33	17.31	16.51	16.39	16.28	15.18
0.258064516129032			16.61	16.59	16.14	16	15.83	14.1
0.290322580645161			16.24	16.22	16.07	15.45	15.2	13.68
0.32258064516129			16.23	16.21	15.76	14.41	14.31	13.25
0.354838709677419			15.92	15.89	14.55	14.35	14.15	13.08
0.387096774193548			14.64	14.62	14.33	14.11	13.97	12.74
0.419354838709677			14.43	14.42	14.18	14.06	13.96	12.45
0.451612903225806			14.27	14.25	13.75	13.36	13.26	12.3
0.483870967741936			13.57	13.55	13.49	13	12.91	12.03
0.516129032258065			13.25	13.23	13.15	12.95	12.86	12.02
0.548387096774194			13.16	13.14	13.07	12.94	12.84	11.94
0.580645161290323			13.12	13.1	13.04	12.88	12.26	11.76
0.612903225806452			13.02	13	12.97	12.35	12.21	11.39
0.645161290322581			12.56	12.54	12.47	11.56	11.47	10.66
0.67741935483871			11.75	11.73	11.67	11.42	11.32	10.49
0.709677419354839			11.61	11.6	11.53	11.09	11	10.26
0.741935483870968			11.15	11.14	11.08	10.96	10.87	10.07
0.774193548387097			11.1	11.09	11.03	10.93	10.84	9.733
0.806451612903226			11	10.99	10.92	10.77	10.64	9.697
0.838709677419355			10.57	10.57	10.53	10.27	10.19	9.626
0.870967741935484			8.045	8.038	8.006	7.948	7.393	6.744
0.903225806451613			7.626	7.616	7.557	7.454	7.376	5.967
0.935483870967742			2.896	2.891	2.871	2.824	2.785	2.42
0.967741935483871			1.92	1.918	1.909	1.499	1.302	0.8308
0.1	20.468	20.438	20.343	20.052	19.774	17.919		

Average of yearly averages: 11.9179266666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: AppleGrdL
Metfile: w93193.dvf

PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis: pH 7	0	days	Half-life	
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.28	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.28	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.28	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 ApricotAirH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	3.412	3.409	3.397	3.021	2.894	1.935
1962	6.246	6.235	6.188	6.069	5.975	4.855
1963	8.738	8.722	8.657	8.505	8.392	7.152
1964	10.18	10.17	10.14	10.08	9.687	8.759
1965	12.48	12.46	12.37	12.18	12.02	10.87
1966	13.59	13.57	13.46	13.24	13.04	11.83
1967	14.71	14.68	14.58	14.36	14.15	12.73
1968	14.37	14.34	14.24	14.01	13.8	12.85
1969	16.26	16.23	16.11	15.87	15.65	14.27
1970	16.57	16.54	16.41	16.15	15.9	14.69
1971	18.28	18.26	18.15	18.01	17.78	16.29
1972	17.57	17.54	17.4	17.17	16.92	15.68
1973	17.84	17.8	17.65	17.37	17.09	15.7
1974	17.04	17.01	16.88	16.62	16.37	15.17
1975	17.57	17.54	17.41	17.16	16.91	15.54
1976	17.47	17.44	17.31	17.06	16.85	15.95
1977	18.68	18.66	18.54	18.28	17.99	16.53
1978	18.44	18.41	18.27	17.99	17.71	16.36
1979	17.9	17.86	17.72	17.44	17.16	15.7
1980	16.97	16.94	16.82	16.59	16.35	14.89
1981	16.69	16.66	16.53	16.25	15.96	14.45
1982	16.22	16.2	16.07	15.84	15.62	14.66
1983	20.52	20.48	20.31	19.97	19.65	17.1
1984	18.66	18.61	18.45	18.14	17.84	16.33
1985	17.47	17.44	17.31	17.03	16.72	15.3
1986	19.48	19.46	16.77	16	15.74	14.53
1987	22.01	21.97	21.78	21.46	21.18	19.56
1988	20.08	20.05	19.91	19.64	19.34	17.77

```
1989    19.47   19.44   19.29   18.94   18.67   17.06
1990    21.85   21.81   21.6    21.07   20.65   18.25

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       22.01   21.97   21.78   21.46   21.18   19.56
0.0645161290322581      21.85   21.81   21.6    21.07   20.65   18.25
0.0967741935483871      20.52   20.48   20.31   19.97   19.65   17.77
0.129032258064516       20.08   20.05   19.91   19.64   19.34   17.1
0.161290322580645       19.48   19.46   19.29   18.94   18.67   17.06
0.193548387096774       19.47   19.44   18.54   18.28   17.99   16.53
0.225806451612903       18.68   18.66   18.45   18.14   17.84   16.36
0.258064516129032       18.66   18.61   18.27   18.01   17.78   16.33
0.290322580645161       18.44   18.41   18.15   17.99   17.71   16.29
0.32258064516129        18.28   18.26   17.72   17.44   17.16   15.95
0.354838709677419       17.9    17.86   17.65   17.37   17.09   15.7
0.387096774193548       17.84   17.8    17.41   17.17   16.92   15.7
0.419354838709677       17.57   17.54   17.4    17.16   16.91   15.68
0.451612903225806       17.57   17.54   17.31   17.06   16.85   15.54
0.483870967741936       17.47   17.44   17.31   17.03   16.72   15.3
0.516129032258065       17.47   17.44   16.88   16.62   16.37   15.17
0.548387096774194       17.04   17.01   16.82   16.59   16.35   14.89
0.580645161290323       16.97   16.94   16.77   16.25   15.96   14.69
0.612903225806452       16.69   16.66   16.53   16.15   15.9    14.66
0.645161290322581       16.57   16.54   16.41   16      15.74   14.53
0.67741935483871        16.26   16.23   16.11   15.87   15.65   14.45
0.709677419354839       16.22   16.2    16.07   15.84   15.62   14.27
0.741935483870968       14.71   14.68   14.58   14.36   14.15   12.85
0.774193548387097       14.37   14.34   14.24   14.01   13.8    12.73
0.806451612903226       13.59   13.57   13.46   13.24   13.04   11.83
0.838709677419355       12.48   12.46   12.37   12.18   12.02   10.87
0.870967741935484       10.18   10.17   10.14   10.08   9.687   8.759
0.903225806451613       8.738   8.722   8.657   8.505   8.392   7.152
0.935483870967742       6.246   6.235   6.188   6.069   5.975   4.855
0.967741935483871       3.412   3.409   3.397   3.021   2.894   1.935

0.1     20.476  20.437  20.27   19.937  19.619  17.703
                                        Average of yearly averages:   14.0920333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotAirH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.179   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 ApricotAirL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
```

EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.887	2.881	2.858	2.81	2.768	2.074
1962	5.336	5.327	5.288	5.205	5.135	4.308
1963	9.306	9.293	9.243	9.109	8.996	7.499
1964	10.16	10.15	10.09	9.96	9.861	8.867
1965	13.87	13.85	13.8	13.63	13.48	11.72
1966	13.78	13.76	13.67	13.49	13.34	12.11
1967	15.19	15.18	15.11	14.96	14.81	13.2
1968	14.66	14.64	14.56	14.38	14.23	12.99
1969	18.02	17.99	17.89	17.62	17.39	15.28
1970	17.78	17.76	17.68	17.47	17.29	15.72
1971	19.95	19.93	19.82	19.55	19.29	17.33
1972	18.57	18.55	18.45	18.23	18.06	16.61
1973	18.05	18.03	17.93	17.71	17.52	15.96
1974	16.92	16.9	16.81	16.62	16.45	14.98
1975	16.16	16.14	16.07	15.9	15.74	14.37
1976	15.76	15.74	15.67	15.48	15.33	14.12
1977	15.74	15.72	15.62	15.43	15.28	13.85
1978	16.73	16.7	16.62	16.4	16.2	14.44
1979	15.83	15.81	15.72	15.52	15.35	13.87
1980	15.53	15.51	15.42	15.23	15.08	13.57
1981	15.14	15.11	15.05	14.89	14.73	13.21
1982	15.96	15.94	15.86	15.65	15.47	13.81
1983	16.49	16.47	16.34	16.1	15.99	14.43
1984	15.6	15.58	15.5	15.29	15.12	13.61
1985	14.84	14.82	14.71	14.51	14.35	12.92
1986	15.28	15.26	15.17	14.97	14.8	13.18
1987	16.21	16.19	16.07	15.9	15.78	14.34
1988	17.65	17.63	17.52	17.26	17.03	15.04
1989	18.61	18.58	18.45	18.29	18.14	16.15
1990	18.15	18.12	17.96	17.68	17.6	16.19

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			19.95	19.93	19.82	19.55	19.29	17.33
0.0645161290322581			18.61	18.58	18.45	18.29	18.14	16.61
0.0967741935483871			18.57	18.55	18.45	18.23	18.06	16.19
0.129032258064516			18.15	18.12	17.96	17.71	17.6	16.15
0.161290322580645			18.05	18.03	17.93	17.68	17.52	15.96
0.193548387096774			18.02	17.99	17.89	17.62	17.39	15.72
0.225806451612903			17.78	17.76	17.68	17.47	17.29	15.28
0.258064516129032			17.65	17.63	17.52	17.26	17.03	15.04
0.290322580645161			16.92	16.9	16.81	16.62	16.45	14.98
0.32258064516129			16.73	16.7	16.62	16.4	16.2	14.44
0.354838709677419			16.49	16.47	16.34	16.1	15.99	14.43
0.387096774193548			16.21	16.19	16.07	15.9	15.78	14.37
0.419354838709677			16.16	16.14	16.07	15.9	15.74	14.34
0.451612903225806			15.96	15.94	15.86	15.65	15.47	14.12
0.483870967741936			15.83	15.81	15.72	15.52	15.35	13.87
0.516129032258065			15.76	15.74	15.67	15.48	15.33	13.85
0.548387096774194			15.74	15.72	15.62	15.43	15.28	13.81
0.580645161290323			15.6	15.58	15.5	15.29	15.12	13.61
0.612903225806452			15.53	15.51	15.42	15.23	15.08	13.57
0.645161290322581			15.28	15.26	15.17	14.97	14.81	13.21
0.67741935483871			15.19	15.18	15.11	14.96	14.8	13.2
0.709677419354839			15.14	15.11	15.05	14.89	14.73	13.18
0.741935483870968			14.84	14.82	14.71	14.51	14.35	12.99
0.774193548387097			14.66	14.64	14.56	14.38	14.23	12.92
0.806451612903226			13.87	13.85	13.8	13.63	13.48	12.11
0.838709677419355			13.78	13.76	13.67	13.49	13.34	11.72
0.870967741935484			10.16	10.15	10.09	9.96	9.861	8.867
0.903225806451613			9.306	9.293	9.243	9.109	8.996	7.499
0.935483870967742			5.336	5.327	5.288	5.205	5.135	4.308
0.967741935483871			2.887	2.881	2.858	2.81	2.768	2.074

0.1	18.528	18.507	18.401	18.178	18.014	16.186

Average of yearly averages: 13.1916

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotAirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments

```
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    20-2    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.168   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.168   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.168   kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.168   kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0. 054  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 ApricotGrdH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.499   1.497   1.49    1.09    0.8964  0.4709
1962    2.009   2.005   1.991   1.958   1.929   1.688
1963    3.078   3.073   3.051   3.006   2.965   2.635
1964    4.575   4.57    4.549   4.506   3.994   3.155
1965    4.928   4.923   4.909   4.726   4.666   4.466
1966    5.572   5.568   5.549   5.11    5.041   4.805
1967    5.854   5.844   5.806   5.728   5.655   5.28
1968    6.597   6.59    6.578   6.524   5.933   5.079
1969    6.798   6.786   6.746   6.65    6.572   6.189
1970    8.324   8.316   8.216   7.035   6.598   6.391
1971    8.521   8.509   8.442   8.389   8.311   7.855
1972    7.563   7.558   7.533   7.375   7.299   7.066
1973    7.658   7.644   7.602   7.485   7.386   6.985
1974    7.054   7.049   7.028   6.949   6.596   6.384
1975    7.264   7.253   7.213   7.112   7.026   6.66
1976    8.321   8.308   8.255   8.157   8.104   6.887
1977    8.121   8.11    8.073   7.972   7.873   7.45
1978    8.02    8.006   7.964   7.843   7.73    7.428
1979    7.547   7.534   7.493   7.382   7.285   6.857
1980    6.716   6.706   6.668   6.582   6.503   6.09
1981    6.442   6.43    6.391   6.29    6.193   5.734
1982    6.976   6.97    6.959   6.92    6.78    5.931
1983    10.4    10.37   10.31   10.12   9.949   8.403
1984    8.561   8.543   8.498   8.363   8.286   7.794
1985    7.547   7.534   7.494   7.384   7.287   6.872
1986    11.82   11.8    8.998   6.623   6.315   6.133
1987    12.53   12.5    12.4    12.14   12      11.37
1988    10.32   10.3    10.26   10.16   10.1    9.464
1989    9.745   9.727   9.655   9.465   9.297   8.703
1990    12.31   12.29   12.17   11.87   11.62   9.889

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

```
0.032258064516129     12.53   12.5    12.4    12.14   12      11.37
0.0645161290322581    12.31   12.29   12.17   11.87   11.62   9.889
0.0967741935483871    11.82   11.8    10.31   10.16   10.1    9.464
0.129032258064516     10.4    10.37   10.26   10.12   9.949   8.703
0.161290322580645     10.32   10.3    9.655   9.465   9.297   8.403
0.193548387096774     9.745   9.727   8.998   8.389   8.311   7.855
0.225806451612903     8.561   8.543   8.498   8.363   8.286   7.794
0.258064516129032     8.521   8.509   8.442   8.157   8.104   7.45
0.290322580645161     8.324   8.316   8.255   7.972   7.873   7.428
0.32258064516129      8.321   8.308   8.216   7.843   7.73    7.066
0.354838709677419     8.121   8.11    8.073   7.485   7.386   6.985
0.387096774193548     8.02    8.006   7.964   7.384   7.299   6.887
0.419354838709677     7.658   7.644   7.602   7.382   7.287   6.872
0.451612903225806     7.563   7.558   7.533   7.375   7.285   6.857
0.483870967741936     7.547   7.534   7.494   7.112   7.026   6.66
0.516129032258065     7.547   7.534   7.493   7.035   6.78    6.391
0.548387096774194     7.264   7.253   7.213   6.949   6.598   6.384
0.580645161290323     7.054   7.049   7.028   6.92    6.596   6.189
0.612903225806452     6.976   6.97    6.959   6.65    6.572   6.133
0.645161290322581     6.798   6.786   6.746   6.623   6.503   6.09
0.67741935483871      6.716   6.706   6.668   6.582   6.315   5.931
0.709677419354839     6.597   6.59    6.578   6.524   6.193   5.734
0.741935483870968     6.442   6.43    6.391   6.29    5.933   5.28
0.774193548387097     5.854   5.844   5.806   5.728   5.655   5.079
0.806451612903226     5.572   5.568   5.549   5.11    5.041   4.805
0.838709677419355     4.928   4.923   4.909   4.726   4.666   4.466
0.870967741935484     4.575   4.57    4.549   4.506   3.994   3.155
0.903225806451613     3.078   3.073   3.051   3.006   2.965   2.635
0.935483870967742     2.009   2.005   1.991   1.958   1.929   1.688
0.967741935483871     1.499   1.497   1.49    1.09    0.8964  0.4709

0.1     11.678  11.657  10.305  10.156  10.0849 9.3879
                                        Average of yearly averages:   6.33713

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotGrdH
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.526   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    20-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.526   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.179   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 ApricotGrdLx.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	1.838	1.835	1.826	1.282	1.017	0.4648
1962	2.254	2.249	2.227	2.184	2.152	1.945
1963	3.193	3.187	3.16	3.111	3.073	2.826
1964	5.298	5.292	5.267	5.214	4.565	3.481
1965	5.429	5.423	5.41	5.246	5.195	5.049
1966	5.977	5.972	5.952	5.424	5.374	5.209
1967	6.077	6.065	6.027	5.96	5.905	5.604
1968	6.956	6.948	6.936	6.879	6.259	5.36
1969	6.944	6.931	6.893	6.83	6.778	6.468
1970	8.354	8.347	8.251	7.126	6.712	6.538
1971	8.541	8.523	8.471	8.325	8.244	7.869
1972	7.706	7.702	7.676	7.457	7.375	7.193
1973	7.585	7.579	7.558	7.504	7.461	7.073
1974	7.035	7.03	7.009	6.935	6.6	6.409
1975	7.065	7.05	7.01	6.942	6.888	6.606
1976	8.182	8.17	8.117	8.021	7.969	6.802
1977	8.797	8.788	8.027	7.747	7.7	7.344
1978	8.775	8.766	8.745	8.673	8.609	8.365
1979	8.254	8.249	8.24	8.196	8.147	7.646
1980	7.188	7.174	7.134	7.065	7.008	6.658
1981	6.794	6.775	6.729	6.658	6.602	6.194
1982	7.185	7.179	7.166	7.129	6.999	6.224
1983	8.144	8.126	8.083	8.02	7.931	7.311
1984	7.157	7.152	7.131	7.081	7.036	6.649
1985	6.448	6.431	6.386	6.312	6.275	5.968
1986	11.7	11.69	8.672	6.112	5.683	5.432
1987	12.04	12.03	11.98	11.86	11.76	11.06
1988	9.895	9.891	9.872	9.809	9.75	9.123
1989	8.986	8.966	8.926	8.835	8.715	8.409
1990	12.16	12.13	12.05	11.76	11.52	9.775

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			12.16	12.13	12.05	11.86	11.76	11.06
0.0645161290322581			12.04	12.03	11.98	11.76	11.52	9.775
0.0967741935483871			11.7	11.69	9.872	9.809	9.75	9.123
0.129032258064516			9.895	9.891	8.926	8.835	8.715	8.409
0.161290322580645			8.986	8.966	8.745	8.673	8.609	8.365
0.193548387096774			8.797	8.788	8.672	8.325	8.244	7.869
0.225806451612903			8.775	8.766	8.471	8.196	8.147	7.646
0.258064516129032			8.541	8.523	8.251	8.021	7.969	7.344
0.290322580645161			8.354	8.347	8.24	8.02	7.931	7.311
0.32258064516129			8.254	8.249	8.117	7.747	7.7	7.193
0.354838709677419			8.182	8.17	8.083	7.504	7.461	7.073
0.387096774193548			8.144	8.126	8.027	7.457	7.375	6.802
0.419354838709677			7.706	7.702	7.676	7.129	7.036	6.658
0.451612903225806			7.585	7.579	7.558	7.126	7.008	6.649
0.483870967741936			7.188	7.179	7.166	7.081	6.999	6.606
0.516129032258065			7.185	7.174	7.134	7.065	6.888	6.538
0.548387096774194			7.157	7.152	7.131	6.942	6.778	6.468
0.580645161290323			7.065	7.05	7.01	6.935	6.712	6.409
0.612903225806452			7.035	7.03	7.009	6.879	6.602	6.224
0.645161290322581			6.956	6.948	6.936	6.83	6.6	6.194
0.67741935483871			6.944	6.931	6.893	6.658	6.275	5.968
0.709677419354839			6.794	6.775	6.729	6.312	6.259	5.604
0.741935483870968			6.448	6.431	6.386	6.112	5.905	5.432
0.774193548387097			6.077	6.065	6.027	5.96	5.683	5.36
0.806451612903226			5.977	5.972	5.952	5.424	5.374	5.209
0.838709677419355			5.429	5.423	5.41	5.246	5.195	5.049
0.870967741935484			5.298	5.292	5.267	5.214	4.565	3.481
0.903225806451613			3.193	3.187	3.16	3.111	3.073	2.826
0.935483870967742			2.254	2.249	2.227	2.184	2.152	1.945
0.967741935483871			1.838	1.835	1.826	1.282	1.017	0.4648
0.1	11.5195	11.5101	9.7774	9.7116	9.6465	9.0516		

Average of yearly averages: 6.36849333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ApricotGrdLx
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	

```
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.168   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    20-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.168   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.168   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.168   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.168   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.168   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.168   kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0. 054  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 CanistelAir.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    7.56    7.553   7.522   6.349   5.797   3.211
1962    11.84   11.8    11.67   11.43   11.28   9.589
1963    16.08   16.04   15.87   15.61   15.43   13.77
1964    21.12   21.1    21.01   20.88   19.68   17.01
1965    23.6    23.54   23.29   23.04   22.84   21.62
1966    24.85   24.79   24.53   24.29   24.08   22.95
1967    27.48   27.4    27.15   26.9    26.71   25.02
1968    28.36   28.34   28.26   28.06   26.98   25.22
1969    29.95   29.87   29.62   29.38   29.19   27.86
1970    31.11   31.08   30.92   29.35   29.17   28.22
1971    33.65   33.56   33.35   33.16   32.96   31.25
1972    32.36   32.34   32.23   31.67   31.48   30.67
1973    33.09   33      32.77   32.59   32.44   31.23
1974    31.31   31.23   30.98   30.79   30.62   29.69
1975    31.9    31.82   31.56   31.34   31.18   29.9
1976    33.98   33.93   33.73   33.35   33.13   30.56
1977    34.54   34.51   33.41   33.27   33.1    31.93
1978    35.48   35.38   35.18   35.03   34.88   33.86
1979    33.83   33.75   33.53   33.37   33.21   31.86
1980    31.77   31.68   31.47   31.26   31.06   29.64
1981    30.51   30.42   30.2    30.05   29.9    28.46
1982    30.06   30.02   29.95   29.88   29.74   28.37
1983    32.67   32.59   32.34   32.14   31.96   30.21
1984    30.43   30.33   30.13   29.96   29.77   28.52
1985    28.91   28.82   28.6    28.43   28.27   27.1
1986    37.09   37.05   31.5    27.08   26.91   26.05
1987    38.23   38.14   37.91   37.77   37.65   36.21
1988    35.51   35.4    35.18   35.02   34.86   33.19
1989    33.89   33.8    33.58   33.41   33.24   32.03
1990    36.42   36.32   36.1    35.97   35.69   32.88

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       38.23   38.14   37.91   37.77   37.65   36.21
0.0645161290322581      37.09   37.05   36.1    35.97   35.69   33.86
0.0967741935483871      36.42   36.32   35.18   35.03   34.88   33.19
0.129032258064516       35.51   35.4    35.18   35.02   34.86   32.88
```

```
0.161290322580645      35.48   35.38   33.73   33.41   33.24   32.03
0.193548387096774      34.54   34.51   33.58   33.37   33.21   31.93
0.225806451612903      33.98   33.93   33.53   33.35   33.13   31.86
0.258064516129032      33.89   33.8    33.41   33.27   33.1    31.25
0.290322580645161      33.83   33.75   33.35   33.16   32.96   31.23
0.32258064516129       33.65   33.56   32.77   32.59   32.44   30.67
0.354838709677419      33.09   33      32.34   32.14   31.96   30.56
0.387096774193548      32.67   32.59   32.23   31.67   31.48   30.21
0.419354838709677      32.36   32.34   31.56   31.34   31.18   29.9
0.451612903225806      31.9    31.82   31.5    31.26   31.06   29.69
0.483870967741936      31.77   31.68   31.47   30.79   30.62   29.64
0.516129032258065      31.31   31.23   30.98   30.05   29.9    28.52
0.548387096774194      31.11   31.08   30.92   29.96   29.77   28.46
0.580645161290323      30.51   30.42   30.2    29.88   29.74   28.37
0.612903225806452      30.43   30.33   30.13   29.38   29.19   28.22
0.645161290322581      30.06   30.02   29.95   29.35   29.17   27.86
0.67741935483871       29.95   29.87   29.62   28.43   28.27   27.1
0.709677419354839      28.91   28.82   28.6    28.06   26.98   26.05
0.741935483870968      28.36   28.34   28.26   27.08   26.91   25.22
0.774193548387097      27.48   27.4    27.15   26.9    26.71   25.02
0.806451612903226      24.85   24.79   24.53   24.29   24.08   22.95
0.838709677419355      23.6    23.54   23.29   23.04   22.84   21.62
0.870967741935484      21.12   21.1    21.01   20.88   19.68   17.01
0.903225806451613      16.08   16.04   15.87   15.61   15.43   13.77
0.935483870967742      11.84   11.8    11.67   11.43   11.28   9.589
0.967741935483871      7.56    7.553   7.522   6.349   5.797   3.211

0.1     36.329  36.228  35.18   35.029  34.878  33.159
                                        Average of yearly averages:   26.936

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CanistelAir
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    kg/ha
Interval 4     interval        14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.28    kg/ha
Interval 5     interval        14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.28    kg/ha
Interval 6     interval        14      days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.28    kg/ha
Interval 7     interval        14      days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.28    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 CanistelGrd.out
Chemical: Myclobutanil
```

PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.022	4.017	3.996	2.758	2.154	0.8903
1962	4.537	4.524	4.474	4.426	4.387	4.117
1963	6.333	6.327	6.306	6.205	6.104	5.768
1964	10.71	10.7	10.65	10.54	9.227	6.991
1965	10.79	10.78	10.75	10.41	10.27	10.14
1966	11.73	11.72	11.68	10.62	10.56	10.27
1967	12.4	12.37	12.33	12.31	12.28	11.55
1968	14.32	14.3	14.27	14.16	12.93	11.16
1969	14.15	14.14	14.1	14.02	13.93	13.21
1970	16.51	16.49	16.32	14.21	13.46	13.15
1971	16.96	16.93	16.87	16.78	16.74	15.91
1972	16.97	16.97	16.91	16.28	15.41	15.02
1973	16.69	16.68	16.63	16.51	16.41	15.41
1974	14.73	14.72	14.67	14.54	14.06	13.7
1975	14.58	14.57	14.54	14.45	14.37	13.72
1976	17.25	17.23	17.11	16.91	16.8	14.04
1977	18.81	18.79	17.07	16.33	16.23	15.38
1978	18.76	18.74	18.7	18.55	18.41	17.7
1979	17.17	17.16	17.15	17.05	16.95	15.81
1980	14.66	14.65	14.62	14.52	14.43	13.64
1981	13.66	13.65	13.6	13.48	13.42	12.61
1982	14.41	14.39	14.37	14.29	14.04	12.46
1983	15.36	15.33	15.27	15.19	15.1	14.25
1984	13.87	13.87	13.82	13.73	13.64	12.83
1985	12.47	12.46	12.43	12.35	12.27	11.63
1986	22.71	22.69	16.9	11.99	11.16	10.66
1987	23.36	23.34	23.24	23.01	22.83	21.24
1988	19.26	19.23	19.17	19.08	18.97	18.01
1989	17.52	17.51	17.48	17.37	17.27	16.76
1990	20.07	20.03	19.93	19.65	19.35	17.56

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			23.36	23.34	23.24	23.01	22.83	21.24
0.0645161290322581			22.71	22.69	19.93	19.65	19.35	18.01
0.0967741935483871			20.07	20.03	19.17	19.08	18.97	17.7
0.129032258064516			19.26	19.23	18.7	18.55	18.41	17.56
0.161290322580645			18.81	18.79	17.48	17.37	17.27	16.76
0.193548387096774			18.76	18.74	17.15	17.05	16.95	15.91
0.225806451612903			17.52	17.51	17.11	16.91	16.8	15.81
0.258064516129032			17.25	17.23	17.07	16.78	16.74	15.41
0.290322580645161			17.17	17.16	16.91	16.51	16.41	15.38
0.32258064516129			16.97	16.97	16.9	16.33	16.23	15.02
0.354838709677419			16.96	16.93	16.87	16.28	15.41	14.25
0.387096774193548			16.69	16.68	16.63	15.19	15.1	14.04
0.419354838709677			16.51	16.49	16.32	14.54	14.43	13.72
0.451612903225806			15.36	15.33	15.27	14.52	14.37	13.7
0.483870967741936			14.73	14.72	14.67	14.45	14.06	13.64
0.516129032258065			14.66	14.65	14.62	14.29	14.04	13.21
0.548387096774194			14.58	14.57	14.54	14.21	13.93	13.15
0.580645161290323			14.41	14.39	14.37	14.16	13.64	12.83
0.612903225806452			14.32	14.3	14.27	14.02	13.46	12.61
0.645161290322581			14.15	14.14	14.1	13.73	13.42	12.46
0.67741935483871			13.87	13.87	13.82	13.48	12.93	11.63
0.709677419354839			13.66	13.65	13.6	12.35	12.28	11.55
0.741935483870968			12.47	12.46	12.43	12.31	12.27	11.16
0.774193548387097			12.4	12.37	12.33	11.99	11.16	10.66
0.806451612903226			11.73	11.72	11.68	10.62	10.56	10.27
0.838709677419355			10.79	10.78	10.75	10.54	10.27	10.14
0.870967741935484			10.71	10.7	10.65	10.41	9.227	6.991
0.903225806451613			6.333	6.327	6.306	6.205	6.104	5.768
0.935483870967742			4.537	4.524	4.474	4.426	4.387	4.117
0.967741935483871			4.022	4.017	3.996	2.758	2.154	0.8903

0.1	19.989	19.95	19.123	19.027	18.914	17.686

Average of yearly averages: 12.8528766666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CanistelGrd
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.28	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.28	kg/ha	
Interval 6	interval	14	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.28	kg/ha	
Interval 7	interval	14	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.28	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 CherryAirH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	3.828	3.825	3.812	3.529	3.462	2.354
1962	7.251	7.238	7.184	7.057	6.942	5.648
1963	10.34	10.32	10.25	10.08	9.934	8.433
1964	11.76	11.74	11.67	11.55	11.31	10.2
1965	14.63	14.61	14.51	14.27	14.08	12.66
1966	15.86	15.83	15.71	15.42	15.2	13.75
1967	21.4	21.38	21.24	20.87	20.58	17.44
1968	19.92	19.89	19.76	19.43	19.16	17.91
1969	21.59	21.56	21.42	21.06	20.8	19.04
1970	21.48	21.46	21.32	20.94	20.66	19.08
1971	26.38	26.35	26.19	25.85	25.55	22.57
1972	24.28	24.25	24.09	23.71	23.41	21.74
1973	23.75	23.72	23.55	23.14	22.8	20.98
1974	22.23	22.2	22.06	21.69	21.39	19.81
1975	22.28	22.25	22.12	21.76	21.48	19.74
1976	21.81	21.78	21.64	21.28	21.02	19.84
1977	22.84	22.81	22.66	22.33	22.02	20.18
1978	22.73	22.71	22.55	22.16	21.83	19.9
1979	21.34	21.31	21.16	20.78	20.49	18.67
1980	20.22	20.2	20.07	19.75	19.51	17.71
1981	20.18	20.15	20.01	19.64	19.33	17.36
1982	19.22	19.2	19.07	18.75	18.52	17.23
1983	23.66	23.62	23.43	22.98	22.6	19.71
1984	21.61	21.58	21.42	21.01	20.69	18.83
1985	20.37	20.34	20.19	19.83	19.52	17.76
1986	22.58	22.56	19.45	18.72	18.45	16.94
1987	25.59	25.54	25.33	25.04	24.76	22.81
1988	25.9	25.86	25.69	25.29	24.94	22.22
1989	24.23	24.19	24.01	23.63	23.34	21.4
1990	25.93	25.88	25.64	25.02	24.52	22.14

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129		26.38	26.35	26.19	25.85	25.55	22.81
0.0645161290322581		25.93	25.88	25.69	25.29	24.94	22.57
0.0967741935483871		25.9	25.86	25.64	25.04	24.76	22.22
0.129032258064516		25.59	25.54	25.33	25.02	24.52	22.14
0.161290322580645		24.28	24.25	24.09	23.71	23.41	21.74
0.193548387096774		24.23	24.19	24.01	23.63	23.34	21.4
0.225806451612903		23.75	23.72	23.55	23.14	22.8	20.98
0.258064516129032		23.66	23.62	23.43	22.98	22.6	20.18
0.290322580645161		22.84	22.81	22.66	22.33	22.02	19.9
0.32258064516129		22.73	22.71	22.55	22.16	21.83	19.84
0.354838709677419		22.58	22.56	22.12	21.76	21.48	19.81
0.387096774193548		22.28	22.25	22.06	21.69	21.39	19.74
0.419354838709677		22.23	22.2	21.64	21.28	21.02	19.71
0.451612903225806		21.81	21.78	21.42	21.06	20.8	19.08
0.483870967741936		21.61	21.58	21.42	21.01	20.69	19.04
0.516129032258065		21.59	21.56	21.32	20.94	20.66	18.83
0.548387096774194		21.48	21.46	21.24	20.87	20.58	18.67
0.580645161290323		21.4	21.38	21.16	20.78	20.49	17.91
0.612903225806452		21.34	21.31	20.19	19.83	19.52	17.76
0.645161290322581		20.37	20.34	20.07	19.75	19.51	17.71
0.67741935483871		20.22	20.2	20.01	19.64	19.33	17.44
0.709677419354839		20.18	20.15	19.76	19.43	19.16	17.36
0.741935483870968		19.92	19.89	19.45	18.75	18.52	17.23
0.774193548387097		19.22	19.2	19.07	18.72	18.45	16.94
0.806451612903226		15.86	15.83	15.71	15.42	15.2	13.75
0.838709677419355		14.63	14.61	14.51	14.27	14.08	12.66
0.870967741935484		11.76	11.74	11.67	11.55	11.31	10.2
0.903225806451613		10.34	10.32	10.25	10.08	9.934	8.433
0.935483870967742		7.251	7.238	7.184	7.057	6.942	5.648
0.967741935483871		3.828	3.825	3.812	3.529	3.462	2.354
0.1	25.869	25.828	25.609	25.038	24.736	22.212	

Average of yearly averages: 17.4685

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CherryAirH
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis: pH 7	0	days	Half-life	
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.526	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	10-4	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.526	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.414	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 Cherry AirL.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.485	4.48	4.463	3.856	3.573	2.24
1962	7.654	7.635	7.558	7.404	7.282	6.05
1963	10.53	10.51	10.42	10.24	10.1	8.793
1964	13.11	13.1	13.05	12.96	12.26	10.84
1965	15.42	15.39	15.27	15.05	14.86	13.71
1966	16.44	16.4	16.27	16.01	15.81	14.66
1967	18.99	18.95	18.82	18.54	18.31	16.5
1968	18.4	18.38	18.34	18.2	17.53	16.69
1969	20.29	20.25	20.11	19.84	19.62	18.27
1970	20.33	20.29	20.15	19.86	19.61	18.49
1971	23.43	23.38	23.24	22.89	22.61	20.81
1972	22.08	22.03	21.89	21.58	21.33	20.17
1973	21.98	21.92	21.78	21.47	21.23	19.91
1974	20.84	20.79	20.65	20.35	20.11	19
1975	21.21	21.17	21.03	20.74	20.52	19.2
1976	21.14	21.11	20.98	20.75	20.62	19.54
1977	22.25	22.2	22.05	21.71	21.45	20.12
1978	23.01	22.96	22.82	22.51	22.26	21.01
1979	22.08	22.02	21.88	21.57	21.32	19.91
1980	20.8	20.75	20.62	20.33	20.08	18.66
1981	20.32	20.26	20.12	19.79	19.53	18.04
1982	19.53	19.49	19.36	19.09	18.87	18
1983	21.78	21.73	21.59	21.29	21.06	19.29
1984	20.41	20.36	20.23	19.93	19.68	18.3
1985	19.45	19.4	19.25	18.93	18.67	17.37
1986	23.42	23.4	19.91	17.98	17.75	16.69
1987	25.68	25.62	25.47	25.14	24.82	23.26
1988	24.07	24.01	23.87	23.55	23.28	21.55
1989	23.04	22.98	22.84	22.53	22.24	20.81
1990	25.96	25.89	25.74	25.2	24.71	22

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		25.96	25.89	25.74	25.2	24.82	23.26
0.0645161290322581		25.68	25.62	25.47	25.14	24.71	22
0.0967741935483871		24.07	24.01	23.87	23.55	23.28	21.55
0.129032258064516		23.43	23.4	23.24	22.89	22.61	21.01
0.161290322580645		23.42	23.38	22.84	22.53	22.26	20.81
0.193548387096774		23.04	22.98	22.82	22.51	22.24	20.81
0.225806451612903		23.01	22.96	22.05	21.71	21.45	20.17
0.258064516129032		22.25	22.2	21.89	21.58	21.33	20.12
0.290322580645161		22.08	22.03	21.88	21.57	21.32	19.91
0.32258064516129		22.08	22.02	21.78	21.47	21.23	19.91
0.354838709677419		21.98	21.92	21.59	21.29	21.06	19.54
0.387096774193548		21.78	21.73	21.03	20.75	20.62	19.29
0.419354838709677		21.21	21.17	20.98	20.74	20.52	19.2
0.451612903225806		21.14	21.11	20.65	20.35	20.11	19
0.483870967741936		20.84	20.79	20.62	20.33	20.08	18.66
0.516129032258065		20.8	20.75	20.23	19.93	19.68	18.49
0.548387096774194		20.41	20.36	20.15	19.86	19.62	18.3
0.580645161290323		20.33	20.29	20.12	19.84	19.61	18.27
0.612903225806452		20.32	20.26	20.11	19.79	19.53	18.04
0.645161290322581		20.29	20.25	19.91	19.09	18.87	18
0.67741935483871		19.53	19.49	19.36	18.93	18.67	17.37
0.709677419354839		19.45	19.4	19.25	18.54	18.31	16.69
0.741935483870968		18.99	18.95	18.82	18.2	17.75	16.69
0.774193548387097		18.4	18.38	18.34	17.98	17.53	16.5
0.806451612903226		16.44	16.4	16.27	16.01	15.81	14.66
0.838709677419355		15.42	15.39	15.27	15.05	14.86	13.71
0.870967741935484		13.11	13.1	13.05	12.96	12.26	10.84
0.903225806451613		10.53	10.51	10.42	10.24	10.1	8.793
0.935483870967742		7.654	7.635	7.558	7.404	7.282	6.05
0.967741935483871		4.485	4.48	4.463	3.856	3.573	2.24

0.1	24.006	23.949	23.807	23.484	23.213	21.496	
					Average of yearly averages:		17.3294333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Cherry AirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	

```
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.168   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.168   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.168   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.168   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.168   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.168   kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0.168   kg/ha
Interval 8      interval        7       days    Set to 0 or delete line for single app.
app. rate 8     apprate 0.123   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 CherrytGrdH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    1.553   1.551   1.543   1.159   0.9727  0.5517
1962    2.188   2.184   2.169   2.132   2.099   1.822
1963    3.591   3.586   3.562   3.503   3.453   3.008
1964    5.005   4.999   4.977   4.93    4.377   3.476
1965    5.483   5.476   5.441   5.361   5.298   4.995
1966    6.235   6.23    6.208   5.72    5.643   5.346
1967    11.01   11      10.92   10.76   10.6    8.631
1968    10.25   10.23   10.21   10.13   9.445   8.741
1969    10.39   10.38   10.31   10.18   10.07   9.481
1970    11.2    11.19   11.08   9.741   9.608   9.245
1971    14.84   14.82   14.73   14.6    14.43   12.63
1972    12.41   12.4    12.32   12.18   12.1    11.59
1973    11.71   11.69   11.61   11.46   11.36   10.68
1974    10.06   10.05   9.988   9.856   9.745   9.401
1975    10.04   10.03   9.976   9.845   9.738   9.2
1976    10.48   10.46   10.4    10.28   10.21   9.07
1977    10.26   10.24   10.18   10.07   9.959   9.376
1978    10.34   10.33   10.26   10.08   9.924   9.264
1979    8.982   8.971   8.911   8.783   8.677   8.121
1980    7.997   7.986   7.938   7.836   7.749   7.221
1981    7.958   7.947   7.892   7.765   7.637   6.972
1982    7.676   7.669   7.655   7.619   7.495   6.809
1983    11.6    11.58   11.48   11.26   11.07   9.313
1984    9.527   9.515   9.447   9.304   9.192   8.617
1985    8.499   8.485   8.427   8.307   8.199   7.684
1986    13.49   13.47   10.23   7.494   7.172   6.919
1987    14.36   14.33   14.21   13.9    13.79   13.03
1988    14.34   14.32   14.24   14.04   13.83   12.36
1989    12.77   12.75   12.65   12.4    12.21   11.48
1990    14.65   14.62   14.48   14.13   13.84   12.2

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      14.84   14.82   14.73   14.6    14.43   13.03
```

```
0.0645161290322581    14.65   14.62   14.48   14.13   13.84   12.63
0.0967741935483871    14.36   14.33   14.24   14.04   13.83   12.36
0.129032258064516     14.34   14.32   14.21   13.9    13.79   12.2
0.161290322580645     13.49   13.47   12.65   12.4    12.21   11.59
0.193548387096774     12.77   12.75   12.32   12.18   12.1    11.48
0.225806451612903     12.41   12.4    11.61   11.46   11.36   10.68
0.258064516129032     11.71   11.69   11.48   11.26   11.07   9.481
0.290322580645161     11.6    11.58   11.08   10.76   10.6    9.401
0.32258064516129      11.2    11.19   10.92   10.28   10.21   9.376
0.354838709677419     11.01   11      10.4    10.18   10.07   9.313
0.387096774193548     10.48   10.46   10.31   10.13   9.959   9.264
0.419354838709677     10.39   10.38   10.26   10.08   9.924   9.245
0.451612903225806     10.34   10.33   10.23   10.07   9.745   9.2
0.483870967741936     10.26   10.24   10.21   9.856   9.738   9.07
0.516129032258065     10.25   10.23   10.18   9.845   9.608   8.741
0.548387096774194     10.06   10.05   9.988   9.741   9.445   8.631
0.580645161290323     10.04   10.03   9.976   9.304   9.192   8.617
0.612903225806452     9.527   9.515   9.447   8.783   8.677   8.121
0.645161290322581     8.982   8.971   8.911   8.307   8.199   7.684
0.67741935483871      8.499   8.485   8.427   7.836   7.749   7.221
0.709677419354839     7.997   7.986   7.938   7.765   7.637   6.972
0.741935483870968     7.958   7.947   7.892   7.619   7.495   6.919
0.774193548387097     7.676   7.669   7.655   7.494   7.172   6.809
0.806451612903226     6.235   6.23    6.208   5.72    5.643   5.346
0.838709677419355     5.483   5.476   5.441   5.361   5.298   4.995
0.870967741935484     5.005   4.999   4.977   4.93    4.377   3.476
0.903225806451613     3.591   3.586   3.562   3.503   3.453   3.008
0.935483870967742     2.188   2.184   2.169   2.132   2.099   1.822
0.967741935483871     1.553   1.551   1.543   1.159   0.9727  0.5517

0.1     14.358  14.329  14.237  14.026  13.826  12.344
                                        Average of yearly averages:   8.24112333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: CherrytGrdH
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.526   kg/ha
Application Efficiency:        APPEFF  0.99    fraction
Spray Drift    DRFT    0.01    fraction of application rate applied to pond
Application Date       Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.526   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.414   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 Cherry GrdL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

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

1961	2.203	2.2	2.189	1.546	1.233	0.5781
1962	2.715	2.709	2.684	2.64	2.603	2.355
1963	3.929	3.921	3.894	3.84	3.797	3.475
1964	6.409	6.401	6.372	6.308	5.526	4.224
1965	6.588	6.581	6.565	6.399	6.347	6.146
1966	7.264	7.258	7.233	6.603	6.552	6.337
1967	8.709	8.691	8.668	8.608	8.548	7.684
1968	9.395	9.385	9.368	9.292	8.524	7.498
1969	9.282	9.275	9.254	9.196	9.144	8.705
1970	10.8	10.8	10.68	9.297	8.851	8.648
1971	11.97	11.95	11.9	11.75	11.68	10.82
1972	10.46	10.46	10.44	10.37	10.31	9.97
1973	10.3	10.29	10.26	10.19	10.13	9.572
1974	9.22	9.214	9.186	9.1	8.723	8.565
1975	9.184	9.168	9.144	9.083	9.029	8.642
1976	10.38	10.37	10.3	10.18	10.11	8.757
1977	10.93	10.92	10.03	9.831	9.772	9.312
1978	10.92	10.9	10.87	10.82	10.73	10.43
1979	10.14	10.14	10.13	10.07	10.01	9.409
1980	8.821	8.803	8.777	8.714	8.659	8.207
1981	8.406	8.39	8.36	8.296	8.228	7.683
1982	8.698	8.69	8.674	8.631	8.482	7.613
1983	9.867	9.849	9.822	9.763	9.65	8.878
1984	8.669	8.663	8.637	8.577	8.523	8.066
1985	7.821	7.807	7.779	7.708	7.652	7.283
1986	14.2	14.19	10.55	7.462	6.945	6.655
1987	14.61	14.6	14.54	14.39	14.28	13.51
1988	12.67	12.65	12.62	12.58	12.48	11.66
1989	11.64	11.62	11.59	11.48	11.32	10.86
1990	14.61	14.58	14.49	14.15	13.86	12.04

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			14.61	14.6	14.54	14.39	14.28	13.51
0.0645161290322581			14.61	14.58	14.49	14.15	13.86	12.04
0.0967741935483871			14.2	14.19	12.62	12.58	12.48	11.66
0.129032258064516			12.67	12.65	11.9	11.75	11.68	10.86
0.161290322580645			11.97	11.95	11.59	11.48	11.32	10.82
0.193548387096774			11.64	11.62	10.87	10.82	10.73	10.43
0.225806451612903			10.93	10.92	10.68	10.37	10.31	9.97
0.258064516129032			10.92	10.9	10.55	10.19	10.13	9.572
0.290322580645161			10.8	10.8	10.44	10.18	10.11	9.409
0.32258064516129			10.46	10.46	10.3	10.07	10.01	9.312
0.354838709677419			10.38	10.37	10.26	9.831	9.772	8.878
0.387096774193548			10.3	10.29	10.13	9.763	9.65	8.757
0.419354838709677			10.14	10.14	10.03	9.297	9.144	8.705
0.451612903225806			9.867	9.849	9.822	9.292	9.029	8.648
0.483870967741936			9.395	9.385	9.368	9.196	8.851	8.642
0.516129032258065			9.282	9.275	9.254	9.1	8.723	8.565
0.548387096774194			9.22	9.214	9.186	9.083	8.659	8.207
0.580645161290323			9.184	9.168	9.144	8.714	8.548	8.066
0.612903225806452			8.821	8.803	8.777	8.631	8.524	7.684
0.645161290322581			8.709	8.691	8.674	8.608	8.523	7.683
0.67741935483871			8.698	8.69	8.668	8.577	8.482	7.613
0.709677419354839			8.669	8.663	8.637	8.296	8.228	7.498
0.741935483870968			8.406	8.39	8.36	7.708	7.652	7.283
0.774193548387097			7.821	7.807	7.779	7.462	6.945	6.655
0.806451612903226			7.264	7.258	7.233	6.603	6.552	6.337
0.838709677419355			6.588	6.581	6.565	6.399	6.347	6.146
0.870967741935484			6.409	6.401	6.372	6.308	5.526	4.224
0.903225806451613			3.929	3.921	3.894	3.84	3.797	3.475
0.935483870967742			2.715	2.709	2.684	2.64	2.603	2.355
0.967741935483871			2.203	2.2	2.189	1.546	1.233	0.5781
0.1	14.047	14.036	12.548	12.497	12.4	11.58		

Average of yearly averages: 8.11940333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Cherry GrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	

```
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.168   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    10-4    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.168   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.168   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.168   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.168   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.168   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.168   kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0.168   kg/ha
Interval 8      interval        7       days    Set to 0 or delete line for single app.
app. rate 8     apprate 0.123   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 PEACHAirH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.64    3.633   3.605   3.541   3.492   2.55
1962    6.661   6.652   6.609   6.503   6.421   5.299
1963    12.55   12.53   12.46   12.28   12.15   9.954
1964    13.47   13.46   13.39   13.22   13.08   11.68
1965    19.18   19.15   19.05   18.81   18.6    15.94
1966    18.65   18.62   18.52   18.24   18.03   16.3
1967    20.36   20.34   20.28   20.14   19.93   17.68
1968    19.49   19.46   19.39   19.17   18.96   17.21
1969    22.53   22.5    22.38   22.04   21.75   19.15
1970    21.27   21.25   21.15   20.89   20.67   18.86
1971    24.86   24.83   24.69   24.36   24.03   21.49
1972    23.29   23.26   23.14   22.84   22.6    20.67
1973    22.75   22.73   22.62   22.32   22.06   19.96
1974    21.23   21.21   21.14   20.88   20.65   18.67
1975    20.18   20.16   20.07   19.85   19.64   17.82
1976    19.71   19.69   19.6    19.37   19.16   17.55
1977    19.82   19.8    19.7    19.42   19.22   17.31
1978    20.78   20.76   20.65   20.4    20.15   17.9
1979    19.64   19.62   19.52   19.25   19.03   17.09
1980    18.57   18.55   18.46   18.22   18.02   16.2
1981    18.54   18.52   18.42   18.21   18      15.97
1982    19.68   19.66   19.55   19.28   19.06   16.87
1983    19.61   19.58   19.48   19.4    19.24   17.22
1984    18.84   18.82   18.72   18.46   18.23   16.28
1985    18.1    18.08   17.98   17.7    17.49   15.61
1986    19.13   19.1    18.99   18.71   18.49   16.3
1987    21      20.97   20.85   20.57   20.41   18.46
1988    23.14   23.11   22.96   22.61   22.3    19.56
1989    26.12   26.09   25.92   25.55   25.25   22
1990    24.69   24.64   24.42   23.99   23.87   22

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       26.12   26.09   25.92   25.55   25.25   22
0.0645161290322581      24.86   24.83   24.69   24.36   24.03   22
```

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0.0967741935483871    24.69   24.64   24.42   23.99   23.87   21.49
0.129032258064516     23.29   23.26   23.14   22.84   22.6    20.67
0.161290322580645     23.14   23.11   22.96   22.61   22.3    19.96
0.193548387096774     22.75   22.73   22.62   22.32   22.06   19.56
0.225806451612903     22.53   22.5    22.38   22.04   21.75   19.15
0.258064516129032     21.27   21.25   21.15   20.89   20.67   18.86
0.290322580645161     21.23   21.21   21.14   20.88   20.65   18.67
0.32258064516129      21      20.97   20.85   20.57   20.41   18.46
0.354838709677419     20.78   20.76   20.65   20.4    20.15   17.9
0.387096774193548     20.36   20.34   20.28   20.14   19.93   17.82
0.419354838709677     20.18   20.16   20.07   19.85   19.64   17.68
0.451612903225806     19.82   19.8    19.7    19.42   19.24   17.55
0.483870967741936     19.71   19.69   19.6    19.4    19.22   17.31
0.516129032258065     19.68   19.66   19.55   19.37   19.16   17.22
0.548387096774194     19.64   19.62   19.52   19.28   19.06   17.21
0.580645161290323     19.61   19.58   19.48   19.25   19.03   17.09
0.612903225806452     19.49   19.46   19.39   19.17   18.96   16.87
0.645161290322581     19.18   19.15   19.05   18.81   18.6    16.3
0.67741935483871      19.13   19.1    18.99   18.71   18.49   16.3
0.709677419354839     18.84   18.82   18.72   18.46   18.23   16.28
0.741935483870968     18.65   18.62   18.52   18.24   18.03   16.2
0.774193548387097     18.57   18.55   18.46   18.22   18.02   15.97
0.806451612903226     18.54   18.52   18.42   18.21   18      15.94
0.838709677419355     18.1    18.08   17.98   17.7    17.49   15.61
0.870967741935484     13.47   13.46   13.39   13.22   13.08   11.68
0.903225806451613     12.55   12.53   12.46   12.28   12.15   9.954
0.935483870967742     6.661   6.652   6.609   6.503   6.421   5.299
0.967741935483871     3.64    3.633   3.605   3.541   3.492   2.55

0.1     24.55   24.502  24.292  23.875  23.743  21.408
                                        Average of yearly averages:   16.6517666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHAirH
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.526   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.526   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.414   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 PEACHAirL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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    3.605   3.602   3.59    3.46    3.397   2.421
1962    6.944   6.932   6.882   6.764   6.664   5.541
```

1963	11.48	11.46	11.37	11.2	11.06	9.308
1964	12.62	12.6	12.52	12.35	12.2	11.12
1965	16.11	16.08	15.96	15.76	15.6	13.97
1966	16.58	16.55	16.43	16.21	16.02	14.68
1967	19.66	19.63	19.5	19.26	19.02	16.8
1968	18.66	18.63	18.51	18.28	18.06	16.83
1969	21.42	21.38	21.25	20.99	20.78	18.7
1970	20.84	20.8	20.67	20.4	20.18	18.74
1971	24.78	24.74	24.61	24.39	24.13	21.6
1972	22.98	22.94	22.81	22.54	22.33	20.79
1973	22.6	22.55	22.42	22.12	21.88	20.18
1974	21.24	21.2	21.07	20.81	20.58	19.06
1975	20.96	20.93	20.8	20.55	20.33	18.76
1976	20.56	20.53	20.4	20.15	19.94	18.77
1977	21.13	21.1	20.98	20.74	20.52	18.86
1978	21.67	21.63	21.5	21.21	20.97	19.09
1979	20.48	20.44	20.31	20.04	19.82	18.16
1980	19.41	19.38	19.26	19.04	18.84	17.22
1981	19.3	19.27	19.14	18.87	18.62	16.85
1982	19.51	19.48	19.35	19.11	18.91	17.35
1983	22.23	22.19	22.04	21.67	21.33	18.98
1984	20.46	20.42	20.28	19.99	19.77	18.05
1985	19.35	19.32	19.19	18.93	18.71	17.09
1986	20.74	20.72	18.75	18.49	18.27	16.74
1987	23.77	23.72	23.53	23.2	22.97	21.22
1988	24.7	24.66	24.52	24.24	23.94	21.27
1989	24.67	24.62	24.44	24.05	23.79	21.64
1990	25.53	25.48	25.25	24.65	24.24	22.12

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		25.53	25.48	25.25	24.65	24.24	22.12	
0.0645161290322581		24.78	24.74	24.61	24.39	24.13	21.64	
0.0967741935483871		24.7	24.66	24.52	24.24	23.94	21.6	
0.129032258064516		24.67	24.62	24.44	24.05	23.79	21.27	
0.161290322580645		23.77	23.72	23.53	23.2	22.97	21.22	
0.193548387096774		22.98	22.94	22.81	22.54	22.33	20.79	
0.225806451612903		22.6	22.55	22.42	22.12	21.88	20.18	
0.258064516129032		22.23	22.19	22.04	21.67	21.33	19.09	
0.290322580645161		21.67	21.63	21.5	21.21	20.97	19.06	
0.32258064516129		21.42	21.38	21.25	20.99	20.78	18.98	
0.354838709677419		21.24	21.2	21.07	20.81	20.58	18.86	
0.387096774193548		21.13	21.1	20.98	20.74	20.52	18.77	
0.419354838709677		20.96	20.93	20.8	20.55	20.33	18.76	
0.451612903225806		20.84	20.8	20.67	20.4	20.18	18.74	
0.483870967741936		20.74	20.72	20.4	20.15	19.94	18.7	
0.516129032258065		20.56	20.53	20.31	20.04	19.82	18.16	
0.548387096774194		20.48	20.44	20.28	19.99	19.77	18.05	
0.580645161290323		20.46	20.42	19.5	19.26	19.02	17.35	
0.612903225806452		19.66	19.63	19.35	19.11	18.91	17.22	
0.645161290322581		19.51	19.48	19.26	19.04	18.84	17.09	
0.67741935483871		19.41	19.38	19.19	18.93	18.71	16.85	
0.709677419354839		19.35	19.32	19.14	18.87	18.62	16.83	
0.741935483870968		19.3	19.27	18.75	18.49	18.27	16.8	
0.774193548387097		18.66	18.63	18.51	18.28	18.06	16.74	
0.806451612903226		16.58	16.55	16.43	16.21	16.02	14.68	
0.838709677419355		16.11	16.08	15.96	15.76	15.6	13.97	
0.870967741935484		12.62	12.6	12.52	12.35	12.2	11.12	
0.903225806451613		11.48	11.46	11.37	11.2	11.06	9.308	
0.935483870967742		6.944	6.932	6.882	6.764	6.664	5.541	
0.967741935483871		3.605	3.602	3.59	3.46	3.397	2.421	
0.1	24.697	24.656	24.512	24.221	23.925	21.567		

Average of yearly averages: 17.0636666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHAirL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life

```
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.168   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.168   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.168   kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.168   kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.168   kg/ha
Interval 8     interval        7       days    Set to 0 or delete line for single app.
app. rate 8    apprate 0.123   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 PEACHGrdH.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.8643  0.8635  0.8603  0.7455  0.6998  0.5346
1962    1.56    1.558   1.548   1.524   1.505   1.27
1963    5.96    5.951   5.914   5.821   5.739   4.428
1964    5.369   5.364   5.34    5.278   5.231   4.873
1965    10.21   10.2    10.14   10.05   9.949   8.28
1966    8.723   8.714   8.669   8.564   8.477   7.891
1967    10.1    10.09   10.04   9.958   9.855   8.776
1968    8.687   8.676   8.63    8.539   8.461   7.913
1969    11.44   11.43   11.36   11.18   11.03   9.494
1970    10.1    10.09   10.01   9.56    9.47    8.927
1971    13.42   13.4    13.33   13.15   12.97   11.41
1972    11.35   11.34   11.28   11.17   11.07   10.4
1973    10.65   10.64   10.59   10.47   10.36   9.535
1974    9.032   9.023   8.992   8.9     8.815   8.138
1975    7.871   7.864   7.834   7.759   7.687   7.112
1976    7.136   7.129   7.099   7.024   6.956   6.599
1977    7.049   7.043   7.007   6.92    6.854   6.299
1978    8.397   8.386   8.341   8.221   8.119   7.104
1979    7.186   7.178   7.142   7.057   6.982   6.387
1980    6.253   6.247   6.217   6.143   6.086   5.568
1981    6.22    6.214   6.182   6.146   6.086   5.442
1982    7.601   7.592   7.549   7.441   7.345   6.351
1983    7.605   7.594   7.536   7.398   7.347   6.631
1984    6.624   6.617   6.583   6.504   6.428   5.873
1985    6.077   6.071   6.039   5.955   5.888   5.363
1986    8.37    8.361   7.241   7.148   7.063   6.168
1987    9.314   9.296   9.221   9.123   9.118   8.428
1988    11.67   11.65   11.58   11.38   11.21   9.519
1989    14.54   14.52   14.42   14.23   14.08   12.03
1990    13.59   13.57   13.44   13.12   12.88   11.98

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      14.54   14.52   14.42   14.23   14.08   12.03
0.0645161290322581     13.59   13.57   13.44   13.15   12.97   11.98
0.0967741935483871     13.42   13.4    13.33   13.12   12.88   11.41
0.129032258064516      11.67   11.65   11.58   11.38   11.21   10.4
0.161290322580645      11.44   11.43   11.36   11.18   11.07   9.535
```

0.193548387096774	11.35	11.34	11.28	11.17	11.03	9.519
0.225806451612903	10.65	10.64	10.59	10.47	10.36	9.494
0.258064516129032	10.21	10.2	10.14	10.05	9.949	8.927
0.290322580645161	10.1	10.09	10.04	9.958	9.855	8.776
0.32258064516129	10.1	10.09	10.01	9.56	9.47	8.428
0.354838709677419	9.314	9.296	9.221	9.123	9.118	8.28
0.387096774193548	9.032	9.023	8.992	8.9	8.815	8.138
0.419354838709677	8.723	8.714	8.669	8.564	8.477	7.913
0.451612903225806	8.687	8.676	8.63	8.539	8.461	7.891
0.483870967741936	8.397	8.386	8.341	8.221	8.119	7.112
0.516129032258065	8.37	8.361	7.834	7.759	7.687	7.104
0.548387096774194	7.871	7.864	7.549	7.441	7.347	6.631
0.580645161290323	7.605	7.594	7.536	7.398	7.345	6.599
0.612903225806452	7.601	7.592	7.241	7.148	7.063	6.387
0.645161290322581	7.186	7.178	7.142	7.057	6.982	6.351
0.67741935483871	7.136	7.129	7.099	7.024	6.956	6.299
0.709677419354839	7.049	7.043	7.007	6.92	6.854	6.168
0.741935483870968	6.624	6.617	6.583	6.504	6.428	5.873
0.774193548387097	6.253	6.247	6.217	6.146	6.086	5.568
0.806451612903226	6.22	6.214	6.182	6.143	6.086	5.442
0.838709677419355	6.077	6.071	6.039	5.955	5.888	5.363
0.870967741935484	5.96	5.951	5.914	5.821	5.739	4.873
0.903225806451613	5.369	5.364	5.34	5.278	5.231	4.428
0.935483870967742	1.56	1.558	1.548	1.524	1.505	1.27
0.967741935483871	0.8643	0.8635	0.8603	0.7455	0.6998	0.5346

0.1	13.245	13.225	13.155	12.946	12.713	11.309

Average of yearly averages: 7.29078666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHGrdH
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.526	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	10-3	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.526	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.414	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 PEACHGrdL.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	1.331	1.329	1.323	1.026	0.8825	0.5472
1962	1.955	1.952	1.939	1.909	1.883	1.644
1963	4.873	4.864	4.837	4.774	4.725	3.861
1964	5.306	5.301	5.28	5.241	4.856	4.384

1965	7.159	7.147	7.118	7.053	6.995	6.304
1966	6.915	6.91	6.887	6.672	6.619	6.269
1967	9.335	9.318	9.287	9.185	9.061	7.92
1968	8.481	8.472	8.453	8.39	7.932	7.573
1969	10.38	10.36	10.33	10.26	10.16	9.086
1970	10.58	10.57	10.47	9.302	9.244	8.853
1971	13.32	13.31	13.28	13.19	13.05	11.59
1972	11.24	11.22	11.19	11.13	11.08	10.57
1973	10.68	10.67	10.64	10.57	10.5	9.815
1974	9.2	9.184	9.153	9.085	9.027	8.59
1975	8.835	8.82	8.788	8.717	8.657	8.141
1976	8.789	8.776	8.723	8.623	8.568	7.914
1977	8.655	8.643	8.615	8.558	8.505	7.961
1978	9.405	9.388	9.357	9.231	9.143	8.393
1979	8.275	8.26	8.228	8.162	8.106	7.547
1980	7.322	7.311	7.282	7.219	7.167	6.67
1981	7.225	7.212	7.182	7.096	7.015	6.406
1982	7.548	7.535	7.504	7.438	7.381	6.901
1983	10.23	10.21	10.16	9.974	9.81	8.515
1984	8.519	8.501	8.472	8.399	8.34	7.768
1985	7.625	7.612	7.582	7.521	7.466	6.952
1986	11.62	11.6	9.136	7.174	7.117	6.676
1987	12.52	12.5	12.39	12.13	12.03	11.35
1988	13.28	13.26	13.23	13.07	12.89	11.34
1989	13.3	13.27	13.17	12.91	12.78	11.7
1990	14.3	14.28	14.14	13.8	13.52	12.14

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			14.3	14.28	14.14	13.8	13.52	12.14
0.0645161290322581			13.32	13.31	13.28	13.19	13.05	11.7
0.0967741935483871			13.3	13.27	13.23	13.07	12.89	11.59
0.129032258064516			13.28	13.26	13.17	12.91	12.78	11.35
0.161290322580645			12.52	12.5	12.39	12.13	12.03	11.34
0.193548387096774			11.62	11.6	11.19	11.13	11.08	10.57
0.225806451612903			11.24	11.22	10.64	10.57	10.5	9.815
0.258064516129032			10.68	10.67	10.47	10.26	10.16	9.086
0.290322580645161			10.58	10.57	10.33	9.974	9.81	8.853
0.32258064516129			10.38	10.36	10.16	9.302	9.244	8.59
0.354838709677419			10.23	10.21	9.357	9.231	9.143	8.515
0.387096774193548			9.405	9.388	9.287	9.185	9.061	8.393
0.419354838709677			9.335	9.318	9.153	9.085	9.027	8.141
0.451612903225806			9.2	9.184	9.136	8.717	8.657	7.961
0.483870967741936			8.835	8.82	8.788	8.623	8.568	7.92
0.516129032258065			8.789	8.776	8.723	8.558	8.505	7.914
0.548387096774194			8.655	8.643	8.615	8.399	8.34	7.768
0.580645161290323			8.519	8.501	8.472	8.39	8.106	7.573
0.612903225806452			8.481	8.472	8.453	8.162	7.932	7.547
0.645161290322581			8.275	8.26	8.228	7.521	7.466	6.952
0.67741935483871			7.625	7.612	7.582	7.438	7.381	6.901
0.709677419354839			7.548	7.535	7.504	7.219	7.167	6.676
0.741935483870968			7.322	7.311	7.282	7.174	7.117	6.67
0.774193548387097			7.225	7.212	7.182	7.096	7.015	6.406
0.806451612903226			7.159	7.147	7.118	7.053	6.995	6.304
0.838709677419355			6.915	6.91	6.887	6.672	6.619	6.269
0.870967741935484			5.306	5.301	5.28	5.241	4.856	4.384
0.903225806451613			4.873	4.864	4.837	4.774	4.725	3.861
0.935483870967742			1.955	1.952	1.939	1.909	1.883	1.644
0.967741935483871			1.331	1.329	1.323	1.026	0.8825	0.5472
0.1	13.298	13.269	13.224	13.054	12.879	11.566		

Average of yearly averages: 7.77934

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: PEACHGrdL
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife

```
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.168   kg/ha
Application Efficiency:        APPEFF  0.99    fraction
Spray Drift    DRFT    0.01    fraction of application rate applied to pond
Application Date       Date    10-3    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.168   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.168   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.168   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.168   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.168   kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.168   kg/ha
Interval 7     interval        7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.168   kg/ha
Interval 8     interval        7       days    Set to 0 or delete line for single app.
app. rate 8    apprate 0.123   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 Plum124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified 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	3.024	3.018	2.994	2.944	2.9	2.173
1962	5.59	5.581	5.54	5.453	5.38	4.514
1963	9.749	9.736	9.684	9.544	9.425	7.857
1964	10.64	10.63	10.57	10.43	10.33	9.29
1965	14.53	14.51	14.46	14.28	14.13	12.28
1966	14.44	14.42	14.33	14.13	13.97	12.69
1967	15.91	15.9	15.83	15.67	15.52	13.83
1968	15.36	15.34	15.26	15.06	14.9	13.61
1969	18.88	18.85	18.74	18.46	18.21	16.01
1970	18.63	18.61	18.52	18.3	18.12	16.47
1971	20.9	20.87	20.76	20.48	20.21	18.16
1972	19.45	19.43	19.33	19.1	18.92	17.4
1973	18.91	18.89	18.78	18.55	18.36	16.72
1974	17.72	17.7	17.61	17.41	17.23	15.69
1975	16.92	16.91	16.84	16.65	16.49	15.05
1976	16.51	16.49	16.41	16.22	16.06	14.79
1977	16.49	16.47	16.36	16.16	16	14.51
1978	17.52	17.5	17.41	17.18	16.97	15.13
1979	16.58	16.56	16.46	16.26	16.08	14.53
1980	16.27	16.24	16.15	15.96	15.8	14.22
1981	15.86	15.83	15.77	15.6	15.43	13.83
1982	16.72	16.7	16.61	16.4	16.2	14.47
1983	17.28	17.25	17.12	16.86	16.75	15.11
1984	16.35	16.32	16.24	16.02	15.84	14.26
1985	15.55	15.52	15.41	15.21	15.04	13.54
1986	16.01	15.99	15.89	15.68	15.51	13.81
1987	16.98	16.96	16.84	16.66	16.53	15.03
1988	18.49	18.47	18.35	18.08	17.84	15.76
1989	19.5	19.46	19.33	19.17	19.01	16.92
1990	19.01	18.98	18.81	18.52	18.44	16.96

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	20.9	20.87	20.76	20.48	20.21	18.16
0.0645161290322581	19.5	19.46	19.33	19.17	19.01	17.4
0.0967741935483871	19.45	19.43	19.33	19.1	18.92	16.96
0.129032258064516	19.01	18.98	18.81	18.55	18.44	16.92
0.161290322580645	18.91	18.89	18.78	18.52	18.36	16.72
0.193548387096774	18.88	18.85	18.74	18.46	18.21	16.47
0.225806451612903	18.63	18.61	18.52	18.3	18.12	16.01
0.258064516129032	18.49	18.47	18.35	18.08	17.84	15.76

```
0.290322580645161     17.72   17.7    17.61   17.41   17.23   15.69
0.32258064516129      17.52   17.5    17.41   17.18   16.97   15.13
0.354838709677419     17.28   17.25   17.12   16.86   16.75   15.11
0.387096774193548     16.98   16.96   16.84   16.66   16.53   15.05
0.419354838709677     16.92   16.91   16.84   16.65   16.49   15.03
0.451612903225806     16.72   16.7    16.61   16.4    16.2    14.79
0.483870967741936     16.58   16.56   16.46   16.26   16.08   14.53
0.516129032258065     16.51   16.49   16.41   16.22   16.06   14.51
0.548387096774194     16.49   16.47   16.36   16.16   16      14.47
0.580645161290323     16.35   16.32   16.24   16.02   15.84   14.26
0.612903225806452     16.27   16.24   16.15   15.96   15.8    14.22
0.645161290322581     16.01   15.99   15.89   15.68   15.52   13.83
0.67741935483871      15.91   15.9    15.83   15.67   15.51   13.83
0.709677419354839     15.86   15.83   15.77   15.6    15.43   13.81
0.741935483870968     15.55   15.52   15.41   15.21   15.04   13.61
0.774193548387097     15.36   15.34   15.26   15.06   14.9    13.54
0.806451612903226     14.53   14.51   14.46   14.28   14.13   12.69
0.838709677419355     14.44   14.42   14.33   14.13   13.97   12.28
0.870967741935484     10.64   10.63   10.57   10.43   10.33   9.29
0.903225806451613     9.749   9.736   9.684   9.544   9.425   7.857
0.935483870967742     5.59    5.581   5.54    5.453   5.38    4.514
0.967741935483871     3.024   3.018   2.994   2.944   2.9     2.173

0.1     19.406  19.385  19.278  19.045  18.872  16.956
                                Average of yearly averages:   13.8204666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Plum124TA
Metfile:       w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.176   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    20-2    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.176   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.176   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.176   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.176   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.176   kg/ha
Interval 6     interval        7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.176   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 Plum124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAfruit_WirrigSTD.txt      modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

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

1961	0.771	0.7703	0.7674	0.6529	0.5989	0.459
1962	1.343	1.341	1.331	1.311	1.295	1.111
1963	4.189	4.182	4.158	4.096	4.039	3.174
1964	3.861	3.857	3.837	3.797	3.763	3.532
1965	7.008	6.998	6.97	6.908	6.854	5.784
1966	6.124	6.115	6.078	6.018	5.97	5.561
1967	7.253	7.246	7.214	7.102	7.038	6.293
1968	6.272	6.264	6.23	6.16	6.109	5.744
1969	9.57	9.556	9.499	9.349	9.221	7.886
1970	9.017	9.007	8.97	8.907	8.849	8.13
1971	11.3	11.29	11.23	11.08	10.93	9.684
1972	9.505	9.494	9.456	9.39	9.338	8.754
1973	8.807	8.797	8.758	8.682	8.607	7.945
1974	7.528	7.519	7.483	7.42	7.368	6.826
1975	6.656	6.65	6.623	6.569	6.519	6.048
1976	6.017	6.01	5.983	5.93	5.882	5.572
1977	5.834	5.825	5.789	5.734	5.69	5.243
1978	7.133	7.124	7.086	6.989	6.895	6.052
1979	6.202	6.193	6.159	6.102	6.053	5.536
1980	6.022	6.014	5.98	5.925	5.879	5.297
1981	5.646	5.639	5.604	5.56	5.513	4.995
1982	6.617	6.608	6.572	6.488	6.407	5.631
1983	7.244	7.233	7.177	7.044	6.93	6.23
1984	6.185	6.178	6.146	6.088	6.036	5.532
1985	5.538	5.53	5.493	5.436	5.389	4.934
1986	6.533	6.527	6.107	6.049	5.989	5.289
1987	7.234	7.221	7.163	7.1	7.087	6.565
1988	8.834	8.821	8.763	8.618	8.489	7.278
1989	9.779	9.762	9.688	9.636	9.591	8.473
1990	9.633	9.616	9.527	9.302	9.127	8.466

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			11.3	11.29	11.23	11.08	10.93	9.684
0.0645161290322581			9.779	9.762	9.688	9.636	9.591	8.754
0.0967741935483871			9.633	9.616	9.527	9.39	9.338	8.473
0.129032258064516			9.57	9.556	9.499	9.349	9.221	8.466
0.161290322580645			9.505	9.494	9.456	9.302	9.127	8.13
0.193548387096774			9.017	9.007	8.97	8.907	8.849	7.945
0.225806451612903			8.834	8.821	8.763	8.682	8.607	7.886
0.258064516129032			8.807	8.797	8.758	8.618	8.489	7.278
0.290322580645161			7.528	7.519	7.483	7.42	7.368	6.826
0.32258064516129			7.253	7.246	7.214	7.102	7.087	6.565
0.354838709677419			7.244	7.233	7.177	7.1	7.038	6.293
0.387096774193548			7.234	7.221	7.163	7.044	6.93	6.23
0.419354838709677			7.133	7.124	7.086	6.989	6.895	6.052
0.451612903225806			7.008	6.998	6.97	6.908	6.854	6.048
0.483870967741936			6.656	6.65	6.623	6.569	6.519	5.784
0.516129032258065			6.617	6.608	6.572	6.488	6.407	5.744
0.548387096774194			6.533	6.527	6.23	6.16	6.109	5.631
0.580645161290323			6.272	6.264	6.159	6.102	6.053	5.572
0.612903225806452			6.202	6.193	6.146	6.088	6.036	5.561
0.645161290322581			6.185	6.178	6.107	6.049	5.989	5.536
0.67741935483871			6.124	6.115	6.078	6.018	5.97	5.532
0.709677419354839			6.022	6.014	5.983	5.93	5.882	5.297
0.741935483870968			6.017	6.01	5.98	5.925	5.879	5.289
0.774193548387097			5.834	5.825	5.789	5.734	5.69	5.243
0.806451612903226			5.646	5.639	5.604	5.56	5.513	4.995
0.838709677419355			5.538	5.53	5.493	5.436	5.389	4.934
0.870967741935484			4.189	4.182	4.158	4.096	4.039	3.532
0.903225806451613			3.861	3.857	3.837	3.797	3.763	3.174
0.935483870967742			1.343	1.341	1.331	1.311	1.295	1.111
0.967741935483871			0.771	0.7703	0.7674	0.6529	0.5989	0.459
0.1	9.6267	9.61	9.5242	9.3859	9.3263	8.4723		

Average of yearly averages: 5.93413333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Plum124TG
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	

```
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.176   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    20-2    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.176   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.176   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.176   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.176   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.176   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.176   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 Prune124TG.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    2.221   2.219   2.207   1.593   1.251   0.3965
1962    2.406   2.401   2.379   2.346   2.33    2.161
1963    2.866   2.864   2.854   2.823   2.769   2.55
1964    4.738   4.733   4.711   4.675   4.147   3.082
1965    4.667   4.662   4.651   4.566   4.537   4.396
1966    4.643   4.64    4.626   4.571   4.544   4.354
1967    4.6     4.597   4.584   4.554   4.528   4.341
1968    5.814   5.807   5.791   5.738   5.338   4.396
1969    5.708   5.704   5.688   5.65    5.617   5.313
1970    6.222   6.216   6.179   5.55    5.311   5.098
1971    6.191   6.186   6.166   6.121   6.084   5.751
1972    6.572   6.568   6.544   6.289   5.908   5.525
1973    6.458   6.454   6.434   6.387   6.348   5.962
1974    6.191   6.186   6.167   6.144   5.846   5.46
1975    6.127   6.123   6.108   6.068   6.034   5.739
1976    7.245   7.234   7.186   7.099   7.05    5.806
1977    8.075   8.067   7.378   6.845   6.804   6.43
1978    8.202   8.186   8.118   7.976   7.926   7.645
1979    7.847   7.842   7.827   7.777   7.729   7.16
1980    6.636   6.631   6.617   6.579   6.544   6.14
1981    5.962   5.958   5.937   5.888   5.844   5.485
1982    7.038   7.031   7.011   6.989   6.896   5.505
1983    6.931   6.926   6.906   6.855   6.809   6.441
1984    6.221   6.217   6.198   6.155   6.116   5.693
1985    5.477   5.474   5.46    5.425   5.394   5.075
1986    7.921   7.912   6.345   5.029   4.826   4.654
1987    8.059   8.052   8.021   7.946   7.887   7.272
1988    6.648   6.645   6.633   6.59    6.55    6.13
1989    6.246   6.233   6.182   6.095   6.046   5.756
1990    6.147   6.143   6.125   6.082   6.041   5.663

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       8.202   8.186   8.118   7.976   7.926   7.645
0.0645161290322581      8.075   8.067   8.021   7.946   7.887   7.272
0.0967741935483871      8.059   8.052   7.827   7.777   7.729   7.16
0.129032258064516       7.921   7.912   7.378   7.099   7.05    6.441
0.161290322580645       7.847   7.842   7.186   6.989   6.896   6.43
0.193548387096774       7.245   7.234   7.011   6.855   6.809   6.14
0.225806451612903       7.038   7.031   6.906   6.845   6.804   6.13
```

```
0.258064516129032     6.931   6.926   6.633   6.59    6.55    5.962
0.290322580645161     6.648   6.645   6.617   6.579   6.544   5.806
0.32258064516129      6.636   6.631   6.544   6.387   6.348   5.756
0.354838709677419     6.572   6.568   6.434   6.289   6.116   5.751
0.387096774193548     6.458   6.454   6.345   6.155   6.084   5.739
0.419354838709677     6.246   6.233   6.198   6.144   6.046   5.693
0.451612903225806     6.222   6.217   6.182   6.121   6.041   5.663
0.483870967741936     6.221   6.216   6.179   6.095   6.034   5.525
0.516129032258065     6.191   6.186   6.167   6.082   5.908   5.505
0.548387096774194     6.191   6.186   6.166   6.068   5.846   5.485
0.580645161290323     6.147   6.143   6.125   5.888   5.844   5.46
0.612903225806452     6.127   6.123   6.108   5.738   5.617   5.313
0.645161290322581     5.962   5.958   5.937   5.65    5.394   5.098
0.67741935483871      5.814   5.807   5.791   5.55    5.338   5.075
0.709677419354839     5.708   5.704   5.688   5.425   5.311   4.654
0.741935483870968     5.477   5.474   5.46    5.029   4.826   4.396
0.774193548387097     4.738   4.733   4.711   4.675   4.544   4.396
0.806451612903226     4.667   4.662   4.651   4.571   4.537   4.354
0.838709677419355     4.643   4.64    4.626   4.566   4.528   4.341
0.870967741935484     4.6     4.597   4.584   4.554   4.147   3.082
0.903225806451613     2.866   2.864   2.854   2.823   2.769   2.55
0.935483870967742     2.406   2.401   2.379   2.346   2.33    2.161
0.967741935483871     2.221   2.219   2.207   1.593   1.251   0.3965

0.1     8.0452  8.038   7.7821  7.7092  7.6611  7.0881
                                        Average of yearly averages:   5.17931666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Prune124TG
Metfile:        w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.176   kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    20-7    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.176   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.176   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.176   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.176   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.176   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.176   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 Prune124TA.out
Chemical: Myclobutanil
PRZM environment: CAfruit_WirrigSTD.txt       modified Tueday, 29 May 2007 at 13:42:32
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)
```

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	4.35	4.345	4.327	3.748	3.44	1.285
1962	6.548	6.532	6.47	6.356	6.294	4.931
1963	8.368	8.348	8.268	8.116	8.081	6.836
1964	10.99	10.98	10.94	10.88	10.42	8.568
1965	11.99	11.96	11.88	11.71	11.65	10.77
1966	12.59	12.56	12.46	12.27	12.16	11.44
1967	13.06	13.03	12.91	12.7	12.58	11.94
1968	14.29	14.28	14.23	14.12	13.8	12.35
1969	14.71	14.68	14.55	14.34	14.22	13.62
1970	15.07	15.06	15.02	14.48	14.32	13.67
1971	15.52	15.49	15.36	15.16	15.04	14.53
1972	15.89	15.88	15.82	15.56	15.26	14.47
1973	15.94	15.91	15.78	15.58	15.47	15.01
1974	15.71	15.69	15.62	15.54	15.31	14.59
1975	16.02	15.98	15.84	15.61	15.51	14.97
1976	17.33	17.3	17.2	16.99	16.88	15.23
1977	17.56	17.54	16.91	16.4	16.3	15.87
1978	18.29	18.25	18.1	17.79	17.63	16.88
1979	17.22	17.2	17.16	17.05	16.94	16.31
1980	16.21	16.17	16.03	15.8	15.65	15.25
1981	15.41	15.37	15.23	15.01	14.94	14.53
1982	16.55	16.52	16.44	16.37	16.35	14.57
1983	16.42	16.37	16.21	16.06	15.96	15.54
1984	15.46	15.42	15.37	15.27	15.17	14.63
1985	14.78	14.75	14.63	14.43	14.32	13.91
1986	16.77	16.76	15.26	14.06	13.94	13.44
1987	16.86	16.85	16.8	16.67	16.55	15.95
1988	15.82	15.78	15.64	15.41	15.32	14.9
1989	15.8	15.76	15.64	15.42	15.33	14.56
1990	15.48	15.44	15.3	15.08	14.93	14.52

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129		18.29	18.25	18.1	17.79	17.63	16.88	
0.0645161290322581		17.56	17.54	17.2	17.05	16.94	16.31	
0.0967741935483871		17.33	17.3	17.16	16.99	16.88	15.95	
0.129032258064516		17.22	17.2	16.91	16.67	16.55	15.87	
0.161290322580645		16.86	16.85	16.8	16.4	16.35	15.54	
0.193548387096774		16.77	16.76	16.44	16.37	16.3	15.25	
0.225806451612903		16.55	16.52	16.21	16.06	15.96	15.23	
0.258064516129032		16.42	16.37	16.03	15.8	15.65	15.01	
0.290322580645161		16.21	16.17	15.84	15.61	15.51	14.97	
0.32258064516129		16.02	15.98	15.82	15.58	15.47	14.9	
0.354838709677419		15.94	15.91	15.78	15.56	15.33	14.63	
0.387096774193548		15.89	15.88	15.64	15.54	15.32	14.59	
0.419354838709677		15.82	15.78	15.64	15.42	15.31	14.57	
0.451612903225806		15.8	15.76	15.62	15.41	15.26	14.56	
0.483870967741936		15.71	15.69	15.37	15.27	15.17	14.53	
0.516129032258065		15.52	15.49	15.36	15.16	15.04	14.53	
0.548387096774194		15.48	15.44	15.3	15.08	14.94	14.52	
0.580645161290323		15.46	15.42	15.26	15.01	14.93	14.47	
0.612903225806452		15.41	15.37	15.23	14.48	14.32	13.91	
0.645161290322581		15.07	15.06	15.02	14.43	14.32	13.67	
0.67741935483871		14.78	14.75	14.63	14.34	14.22	13.62	
0.709677419354839		14.71	14.68	14.55	14.12	13.94	13.44	
0.741935483870968		14.29	14.28	14.23	14.06	13.8	12.35	
0.774193548387097		13.06	13.03	12.91	12.7	12.58	11.94	
0.806451612903226		12.59	12.56	12.46	12.27	12.16	11.44	
0.838709677419355		11.99	11.96	11.88	11.71	11.65	10.77	
0.870967741935484		10.99	10.98	10.94	10.88	10.42	8.568	
0.903225806451613		8.368	8.348	8.268	8.116	8.081	6.836	
0.935483870967742		6.548	6.532	6.47	6.356	6.294	4.931	
0.967741935483871		4.35	4.345	4.327	3.748	3.44	1.285	
0.1	17.319	17.29	17.135	16.958	16.847	15.942		

Average of yearly averages: 13.169

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Prune124TA
Metfile: w93193.dvf
PRZM scenario: CAfruit_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	

```
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.176   kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    20-7    dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.176   kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.176   kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.176   kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.176   kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.176   kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.176   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 m124TAir5.out
Chemical: Myclobutanil+124T
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified 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    1.664   1.661   1.648   1.615   1.584   1.083
1962    3.175   3.169   3.147   3.092   3.045   2.48
1963    4.995   4.988   4.952   4.868   4.801   4.042
1964    5.589   5.582   5.547   5.465   5.394   4.863
1965    6.652   6.643   6.595   6.498   6.416   5.775
1966    7.04    7.029   6.974   6.863   6.766   6.112
1967    8.707   8.696   8.63    8.503   8.388   7.222
1968    8.437   8.426   8.367   8.247   8.135   7.51
1969    9.358   9.345   9.273   9.14    9.03    8.166
1970    9.219   9.207   9.136   8.998   8.88    8.172
1971    10.54   10.53   10.47   10.36   10.23   9.152
1972    9.918   9.904   9.831   9.705   9.59    8.857
1973    9.764   9.75    9.671   9.52    9.393   8.622
1974    9.31    9.297   9.229   9.095   8.975   8.285
1975    9.449   9.438   9.371   9.238   9.123   8.377
1976    9.355   9.343   9.274   9.144   9.036   8.465
1977    9.682   9.668   9.614   9.489   9.363   8.564
1978    9.674   9.661   9.588   9.444   9.318   8.5
1979    9.227   9.214   9.142   9.003   8.882   8.094
1980    8.803   8.79    8.734   8.618   8.512   7.729
1981    9.049   9.036   8.97    8.827   8.693   7.821
1982    8.625   8.613   8.55    8.429   8.329   7.754
1983    11.4    11.38   11.29   11.07   10.88   9.302
1984    10.29   10.27   10.18   10.02   9.89    9.023
1985    9.508   9.494   9.424   9.282   9.15    8.356
1986    9.367   9.359   8.88    8.741   8.619   7.906
1987    11.21   11.18   11.09   10.85   10.71   9.796
1988    11.3    11.28   11.21   11.06   10.91   9.735
1989    10.43   10.41   10.34   10.21   10.09   9.276
1990    10.88   10.86   10.76   10.53   10.45   9.426

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       11.4    11.38   11.29   11.07   10.91   9.796
0.0645161290322581      11.3    11.28   11.21   11.06   10.88   9.735
0.0967741935483871      11.21   11.18   11.09   10.85   10.71   9.426
0.129032258064516       10.88   10.86   10.76   10.53   10.45   9.302
0.161290322580645       10.54   10.53   10.47   10.36   10.23   9.276
0.193548387096774       10.43   10.41   10.34   10.21   10.09   9.152
```

0.225806451612903	10.29	10.27	10.18	10.02	9.89	9.023
0.258064516129032	9.918	9.904	9.831	9.705	9.59	8.857
0.290322580645161	9.764	9.75	9.671	9.52	9.393	8.622
0.32258064516129	9.682	9.668	9.614	9.489	9.363	8.564
0.354838709677419	9.674	9.661	9.588	9.444	9.318	8.5
0.387096774193548	9.508	9.494	9.424	9.282	9.15	8.465
0.419354838709677	9.449	9.438	9.371	9.238	9.123	8.377
0.451612903225806	9.367	9.359	9.274	9.144	9.036	8.356
0.483870967741936	9.358	9.345	9.273	9.14	9.03	8.285
0.516129032258065	9.355	9.343	9.229	9.095	8.975	8.172
0.548387096774194	9.31	9.297	9.142	9.003	8.882	8.166
0.580645161290323	9.227	9.214	9.136	8.998	8.88	8.094
0.612903225806452	9.219	9.207	8.97	8.827	8.693	7.906
0.645161290322581	9.049	9.036	8.88	8.741	8.619	7.821
0.67741935483871	8.803	8.79	8.734	8.618	8.512	7.754
0.709677419354839	8.707	8.696	8.63	8.503	8.388	7.729
0.741935483870968	8.625	8.613	8.55	8.429	8.329	7.51
0.774193548387097	8.437	8.426	8.367	8.247	8.135	7.222
0.806451612903226	7.04	7.029	6.974	6.863	6.766	6.112
0.838709677419355	6.652	6.643	6.595	6.498	6.416	5.775
0.870967741935484	5.589	5.582	5.547	5.465	5.394	4.863
0.903225806451613	4.995	4.988	4.952	4.868	4.801	4.042
0.935483870967742	3.175	3.169	3.147	3.092	3.045	2.48
0.967741935483871	1.664	1.661	1.648	1.615	1.584	1.083

0.1	11.177	11.148	11.057	10.818	10.684	9.4136

Average of yearly averages: 7.6155

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir5
Metfile: w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.1456	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	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	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.1456	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.1456	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.1456	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.0896	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 m124TAir67.out
Chemical: Myclobutanil+124T
PRZM environment: CAgrapes_WirrigSTD.txt modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified 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	1.663	1.662	1.656	1.608	1.576	1.069
1962	3.213	3.208	3.187	3.126	3.073	2.509

1963	4.941	4.932	4.897	4.809	4.745	4.02
1964	5.569	5.561	5.529	5.435	5.362	4.861
1965	6.693	6.683	6.636	6.531	6.446	5.83
1966	7.091	7.078	7.022	6.901	6.806	6.176
1967	8.458	8.442	8.378	8.247	8.139	7.101
1968	8.237	8.223	8.167	8.034	7.924	7.352
1969	9.133	9.117	9.047	8.91	8.803	8.004
1970	9.054	9.037	8.966	8.821	8.705	8.045
1971	10.24	10.23	10.17	10.05	9.936	8.957
1972	9.692	9.675	9.603	9.474	9.36	8.674
1973	9.588	9.57	9.491	9.334	9.212	8.489
1974	9.174	9.159	9.091	8.946	8.829	8.189
1975	9.383	9.367	9.299	9.157	9.045	8.338
1976	9.309	9.293	9.224	9.088	8.981	8.461
1977	9.702	9.689	9.631	9.484	9.357	8.599
1978	9.626	9.609	9.536	9.385	9.262	8.527
1979	9.293	9.276	9.203	9.051	8.931	8.182
1980	8.856	8.842	8.788	8.659	8.55	7.799
1981	9.077	9.061	8.992	8.832	8.701	7.872
1982	8.665	8.65	8.586	8.456	8.359	7.827
1983	11.24	11.22	11.13	10.94	10.77	9.276
1984	10.2	10.18	10.09	9.934	9.807	8.985
1985	9.454	9.437	9.368	9.21	9.081	8.331
1986	9.504	9.495	8.83	8.679	8.559	7.893
1987	11.35	11.32	11.23	10.98	10.82	9.902
1988	11.13	11.12	11.04	10.88	10.75	9.682
1989	10.41	10.39	10.31	10.14	10	9.226
1990	10.97	10.95	10.85	10.59	10.44	9.43

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			11.35	11.32	11.23	10.98	10.82	9.902
0.0645161290322581			11.24	11.22	11.13	10.94	10.77	9.682
0.0967741935483871			11.13	11.12	11.04	10.88	10.75	9.43
0.129032258064516			10.97	10.95	10.85	10.59	10.44	9.276
0.161290322580645			10.41	10.39	10.31	10.14	10	9.226
0.193548387096774			10.24	10.23	10.17	10.05	9.936	8.985
0.225806451612903			10.2	10.18	10.09	9.934	9.807	8.957
0.258064516129032			9.702	9.689	9.631	9.484	9.36	8.674
0.290322580645161			9.692	9.675	9.603	9.474	9.357	8.599
0.32258064516129			9.626	9.609	9.536	9.385	9.262	8.527
0.354838709677419			9.588	9.57	9.491	9.334	9.212	8.489
0.387096774193548			9.504	9.495	9.368	9.21	9.081	8.461
0.419354838709677			9.454	9.437	9.299	9.157	9.045	8.338
0.451612903225806			9.383	9.367	9.224	9.088	8.981	8.331
0.483870967741936			9.309	9.293	9.203	9.051	8.931	8.189
0.516129032258065			9.293	9.276	9.091	8.946	8.829	8.182
0.548387096774194			9.174	9.159	9.047	8.91	8.803	8.045
0.580645161290323			9.133	9.117	8.992	8.832	8.705	8.004
0.612903225806452			9.077	9.061	8.966	8.821	8.701	7.893
0.645161290322581			9.054	9.037	8.83	8.679	8.559	7.872
0.67741935483871			8.856	8.842	8.788	8.659	8.55	7.827
0.709677419354839			8.665	8.65	8.586	8.456	8.359	7.799
0.741935483870968			8.458	8.442	8.378	8.247	8.139	7.352
0.774193548387097			8.237	8.223	8.167	8.034	7.924	7.101
0.806451612903226			7.091	7.078	7.022	6.901	6.806	6.176
0.838709677419355			6.693	6.683	6.636	6.531	6.446	5.83
0.870967741935484			5.569	5.561	5.529	5.435	5.362	4.861
0.903225806451613			4.941	4.932	4.897	4.809	4.745	4.02
0.935483870967742			3.213	3.208	3.187	3.126	3.073	2.509
0.967741935483871			1.663	1.662	1.656	1.608	1.576	1.069
0.1	11.114	11.103	11.021	10.851	10.719	9.4146		

Average of yearly averages: 7.58686666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir67
Metfile: w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life

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Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.112   kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.112   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.112   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.112   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.112   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.112   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 m124TGrd5.out
Chemical: Myclobutanil+124T
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.5618  0.5612  0.5588  0.4528  0.3977  0.2483
1962    0.8643  0.8632  0.8582  0.8451  0.8338  0.7146
1963    1.928   1.926   1.913   1.884   1.857   1.556
1964    2.296   2.293   2.284   2.269   2.073   1.786
1965    2.482   2.479   2.462   2.431   2.405   2.254
1966    2.477   2.474   2.456   2.424   2.395   2.248
1967    3.919   3.914   3.892   3.837   3.783   3.15
1968    3.757   3.753   3.743   3.715   3.521   3.275
1969    4.227   4.222   4.199   4.149   4.11    3.758
1970    4.226   4.223   4.19    3.847   3.808   3.638
1971    5.215   5.208   5.187   5.147   5.09    4.543
1972    4.456   4.451   4.429   4.385   4.354   4.156
1973    4.226   4.221   4.198   4.145   4.103   3.858
1974    3.724   3.719   3.698   3.654   3.615   3.479
1975    3.835   3.83    3.808   3.764   3.725   3.514
1976    3.938   3.932   3.907   3.864   3.84    3.498
1977    3.916   3.911   3.894   3.857   3.817   3.578
1978    3.989   3.983   3.959   3.899   3.855   3.598
1979    3.573   3.568   3.546   3.502   3.463   3.235
1980    3.209   3.204   3.187   3.154   3.122   2.9
1981    3.469   3.465   3.446   3.398   3.352   3.05
1982    3.3     3.297   3.289   3.279   3.242   2.969
1983    5.906   5.895   5.844   5.725   5.626   4.543
1984    4.797   4.79    4.765   4.705   4.662   4.355
1985    4.109   4.104   4.083   4.036   3.995   3.744
1986    5.164   5.159   4.18    3.52    3.481   3.315
1987    6.044   6.032   5.981   5.848   5.748   5.285
1988    6.011   6.002   5.979   5.901   5.816   5.194
1989    5.158   5.149   5.113   5.023   4.974   4.705
1990    5.676   5.666   5.613   5.478   5.369   4.834

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      6.044   6.032   5.981   5.901   5.816   5.285
0.0645161290322581     6.011   6.002   5.979   5.848   5.748   5.194
0.0967741935483871     5.906   5.895   5.844   5.725   5.626   4.834
0.129032258064516      5.676   5.666   5.613   5.478   5.369   4.705
0.161290322580645      5.215   5.208   5.187   5.147   5.09    4.543
0.193548387096774      5.164   5.159   5.113   5.023   4.974   4.543
0.225806451612903      5.158   5.149   4.765   4.705   4.662   4.355
0.258064516129032      4.797   4.79    4.429   4.385   4.354   4.156
0.290322580645161      4.456   4.451   4.199   4.149   4.11    3.858
0.32258064516129       4.227   4.223   4.198   4.145   4.103   3.758
0.354838709677419      4.226   4.222   4.19    4.036   3.995   3.744
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0.387096774193548      4.226   4.221   4.18    3.899   3.855   3.638
0.419354838709677      4.109   4.104   4.083   3.864   3.84    3.598
0.451612903225806      3.989   3.983   3.959   3.857   3.817   3.578
0.483870967741936      3.938   3.932   3.907   3.847   3.808   3.514
0.516129032258065      3.919   3.914   3.894   3.837   3.783   3.498
0.548387096774194      3.916   3.911   3.892   3.764   3.725   3.479
0.580645161290323      3.835   3.83    3.808   3.715   3.615   3.315
0.612903225806452      3.757   3.753   3.743   3.654   3.521   3.275
0.645161290322581      3.724   3.719   3.698   3.52    3.481   3.235
0.67741935483871       3.573   3.568   3.546   3.502   3.463   3.15
0.709677419354839      3.469   3.465   3.446   3.398   3.352   3.05
0.741935483870968      3.3     3.297   3.289   3.279   3.242   2.969
0.774193548387097      3.209   3.204   3.187   3.154   3.122   2.9
0.806451612903226      2.482   2.479   2.462   2.431   2.405   2.254
0.838709677419355      2.477   2.474   2.456   2.424   2.395   2.248
0.870967741935484      2.296   2.293   2.284   2.269   2.073   1.786
0.903225806451613      1.928   1.926   1.913   1.884   1.857   1.556
0.935483870967742      0.8643  0.8632  0.8582  0.8451  0.8338  0.7146
0.967741935483871      0.5618  0.5612  0.5588  0.4528  0.3977  0.2483

0.1     5.883   5.8721  5.8209  5.7003  5.6003  4.8211
                                        Average of yearly averages:   3.36603

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TGrd5
Metfile:       w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd     Kd      0.719   mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp     0       days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7    0       days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.1456  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       7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.1456  kg/ha
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.1456  kg/ha
Interval 3     interval       7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.1456  kg/ha
Interval 4     interval       7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.0896  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 m124TGrd67.out
Chemical: Myclobutanil+124T
PRZM environment: CAgrapes_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:42:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.6144  0.6138  0.6111  0.4852  0.4196  0.2497
1962    0.9096  0.9087  0.9047  0.8891  0.8759  0.7572
1963    1.88    1.877   1.865   1.837   1.813   1.544
1964    2.373   2.371   2.36    2.345   2.126   1.792
1965    2.536   2.533   2.517   2.484   2.459   2.319
1966    2.545   2.541   2.522   2.488   2.46    2.32
1967    3.671   3.664   3.64    3.598   3.554   3.029
```

1968	3.636	3.632	3.623	3.595	3.393	3.115
1969	4.008	4.002	3.978	3.935	3.901	3.593
1970	4.145	4.142	4.108	3.694	3.658	3.51
1971	4.913	4.905	4.881	4.856	4.812	4.345
1972	4.238	4.231	4.205	4.173	4.145	3.969
1973	4.062	4.054	4.03	3.984	3.947	3.723
1974	3.65	3.648	3.637	3.596	3.494	3.383
1975	3.78	3.773	3.75	3.708	3.673	3.477
1976	3.99	3.984	3.959	3.915	3.891	3.498
1977	3.95	3.944	3.922	3.882	3.846	3.618
1978	3.955	3.948	3.924	3.874	3.831	3.63
1979	3.659	3.653	3.628	3.586	3.551	3.33
1980	3.278	3.273	3.257	3.22	3.189	2.976
1981	3.516	3.51	3.486	3.441	3.398	3.107
1982	3.425	3.422	3.414	3.403	3.362	3.048
1983	5.747	5.735	5.706	5.601	5.507	4.518
1984	4.73	4.722	4.695	4.646	4.609	4.319
1985	4.068	4.061	4.037	3.994	3.958	3.721
1986	5.293	5.287	4.249	3.488	3.452	3.304
1987	6.169	6.157	6.106	5.969	5.867	5.399
1988	5.848	5.839	5.814	5.758	5.681	5.142
1989	5.113	5.104	5.068	4.972	4.913	4.654
1990	5.748	5.738	5.684	5.547	5.435	4.84

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		6.169	6.157	6.106	5.969	5.867	5.399
0.0645161290322581		5.848	5.839	5.814	5.758	5.681	5.142
0.0967741935483871		5.748	5.738	5.706	5.601	5.507	4.84
0.129032258064516		5.747	5.735	5.684	5.547	5.435	4.654
0.161290322580645		5.293	5.287	5.068	4.972	4.913	4.518
0.193548387096774		5.113	5.104	4.881	4.856	4.812	4.345
0.225806451612903		4.913	4.905	4.695	4.646	4.609	4.319
0.258064516129032		4.73	4.722	4.249	4.173	4.145	3.969
0.290322580645161		4.238	4.231	4.205	3.994	3.958	3.723
0.32258064516129		4.145	4.142	4.108	3.984	3.947	3.721
0.354838709677419		4.068	4.061	4.037	3.935	3.901	3.63
0.387096774193548		4.062	4.054	4.03	3.915	3.891	3.618
0.419354838709677		4.008	4.002	3.978	3.882	3.846	3.593
0.451612903225806		3.99	3.984	3.959	3.874	3.831	3.51
0.483870967741936		3.955	3.948	3.924	3.708	3.673	3.498
0.516129032258065		3.95	3.944	3.922	3.694	3.658	3.477
0.548387096774194		3.78	3.773	3.75	3.598	3.554	3.383
0.580645161290323		3.671	3.664	3.64	3.596	3.551	3.33
0.612903225806452		3.659	3.653	3.637	3.595	3.494	3.304
0.645161290322581		3.65	3.648	3.628	3.586	3.452	3.115
0.67741935483871		3.636	3.632	3.623	3.488	3.398	3.107
0.709677419354839		3.516	3.51	3.486	3.441	3.393	3.048
0.741935483870968		3.425	3.422	3.414	3.403	3.362	3.029
0.774193548387097		3.278	3.273	3.257	3.22	3.189	2.976
0.806451612903226		2.545	2.541	2.522	2.488	2.46	2.32
0.838709677419355		2.536	2.533	2.517	2.484	2.459	2.319
0.870967741935484		2.373	2.371	2.36	2.345	2.126	1.792
0.903225806451613		1.88	1.877	1.865	1.837	1.813	1.544
0.935483870967742		0.9096	0.9087	0.9047	0.8891	0.8759	0.7572
0.967741935483871		0.6144	0.6138	0.6111	0.4852	0.4196	0.2497
0.1	5.7479	5.7377	5.7038	5.5956	5.4998	4.8214	

Average of yearly averages: 3.34099666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TGrd67
Metfile: w93193.dvf
PRZM scenario: CAgrapes_WirrigSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	

```
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.112  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        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.112   kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.112   kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.112   kg/ha
Interval 4     interval        7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.112   kg/ha
Interval 5     interval        7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.112   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 berry124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    1.532   1.532   1.526   1.426   1.368   0.8477
1962    6.651   6.64    6.595   6.508   6.117   3.092
1963    7.301   7.293   7.259   7.177   7.115   6.629
1964    7.603   7.596   7.566   7.481   7.417   6.938
1965    7.952   7.945   7.909   7.826   7.764   7.325
1966    8.554   8.544   8.501   8.404   8.342   7.927
1967    9.371   9.36    9.316   9.215   9.136   8.562
1968    9.296   9.288   9.242   9.137   9.071   8.594
1969    9.875   9.863   9.811   9.718   9.549   8.925
1970    10.26   10.25   10.2    10.09   10.02   9.542
1971    10.12   10.11   10.06   9.952   9.883   9.377
1972    10.79   10.77   10.73   10.63   10.47   9.578
1973    11.15   11.14   11.08   10.96   10.88   10.46
1974    11.17   11.16   11.11   10.99   10.91   10.4
1975    10.85   10.84   10.79   10.67   10.6    10.15
1976    10.77   10.75   10.7    10.57   10.5    9.997
1977    10.61   10.6    10.55   10.43   10.36   9.903
1978    10.65   10.64   10.59   10.47   10.4    9.918
1979    10.47   10.46   10.4    10.29   10.21   9.844
1980    10.79   10.78   10.73   10.61   10.54   10.08
1981    10.98   10.97   10.91   10.79   10.71   10.32
1982    11.19   11.18   11.13   11.01   10.93   10.52
1983    11.22   11.21   11.15   11.03   10.94   10.46
1984    10.89   10.88   10.82   10.7    10.62   10.22
1985    10.96   10.94   10.89   10.76   10.68   10.21
1986    10.77   10.76   10.71   10.59   10.51   10.02
1987    10.5    10.49   10.44   10.32   10.24   9.767
1988    10.22   10.21   10.17   10.05   9.971   9.48
1989    9.973   9.962   9.909   9.791   9.72    9.354
1990    10.52   10.5    10.45   10.32   10.23   9.617

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      11.22   11.21   11.15   11.03   10.94   10.52
0.0645161290322581     11.19   11.18   11.13   11.01   10.93   10.46
0.0967741935483871     11.17   11.16   11.11   10.99   10.91   10.46
0.129032258064516      11.15   11.14   11.08   10.96   10.88   10.4
0.161290322580645      10.98   10.97   10.91   10.79   10.71   10.32
0.193548387096774      10.96   10.94   10.89   10.76   10.68   10.22
0.225806451612903      10.89   10.88   10.82   10.7    10.62   10.21
0.258064516129032      10.85   10.84   10.79   10.67   10.6    10.15
0.290322580645161      10.79   10.78   10.73   10.63   10.54   10.08
0.32258064516129       10.79   10.77   10.73   10.61   10.51   10.02
0.354838709677419      10.77   10.76   10.71   10.59   10.5    9.997
0.387096774193548      10.77   10.75   10.7    10.57   10.47   9.918
0.419354838709677      10.65   10.64   10.59   10.47   10.4    9.903
0.451612903225806      10.61   10.6    10.55   10.43   10.36   9.844
0.483870967741936      10.52   10.5    10.45   10.32   10.24   9.767
```

0.516129032258065	10.5	10.49	10.44	10.32	10.23	9.617
0.548387096774194	10.47	10.46	10.4	10.29	10.21	9.578
0.580645161290323	10.26	10.25	10.2	10.09	10.02	9.542
0.612903225806452	10.22	10.21	10.17	10.05	9.971	9.48
0.645161290322581	10.12	10.11	10.06	9.952	9.883	9.377
0.67741935483871	9.973	9.962	9.909	9.791	9.72	9.354
0.709677419354839	9.875	9.863	9.811	9.718	9.549	8.925
0.741935483870968	9.371	9.36	9.316	9.215	9.136	8.594
0.774193548387097	9.296	9.288	9.242	9.137	9.071	8.562
0.806451612903226	8.554	8.544	8.501	8.404	8.342	7.927
0.838709677419355	7.952	7.945	7.909	7.826	7.764	7.325
0.870967741935484	7.603	7.596	7.566	7.481	7.417	6.938
0.903225806451613	7.301	7.293	7.259	7.177	7.115	6.629
0.935483870967742	6.651	6.64	6.595	6.508	6.117	3.092
0.967741935483871	1.532	1.532	1.526	1.426	1.368	0.8477

0.1	11.168	11.158	11.107	10.987	10.907	10.454

Average of yearly averages: 8.93522333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: berry124TA
Metfile: w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-05	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	kg/ha	
Record 17:	FILTRA			
	IPSCND			
	UPTKF			
Record 18:	PLVKRT			
	PLDKRT			
	FEXTRC	0.5		
Flag for Index Res. Run	RUNOFF	IR	EPA Pond	
Flag for runoff calc.	RUNOFF	none	none, monthly or total(average of entire run)	

stored as berry124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAWineGrapesRLF_V2.txt modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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	0.5781	0.5776	0.5749	0.4669	0.3985	0.2048
1962	4.997	4.988	4.949	4.876	4.474	1.61
1963	4.728	4.724	4.706	4.664	4.63	4.51
1964	4.337	4.333	4.323	4.289	4.263	4.178
1965	4.296	4.293	4.283	4.181	4.063	4.013
1966	4.569	4.565	4.553	4.398	4.245	4.156
1967	4.712	4.707	4.685	4.634	4.595	4.424
1968	4.315	4.312	4.293	4.258	4.233	4.15
1969	5.078	5.071	5.042	4.993	4.823	4.21
1970	4.889	4.884	4.866	4.823	4.79	4.657
1971	4.468	4.465	4.447	4.411	4.386	4.276
1972	5.485	5.479	5.452	5.396	5.24	4.311

1973	5.276	5.272	5.255	5.213	5.181	5.097
1974	5.142	5.138	5.122	5.085	5.055	4.909
1975	4.668	4.664	4.644	4.609	4.584	4.524
1976	4.461	4.456	4.435	4.398	4.373	4.265
1977	4.363	4.359	4.34	4.193	4.168	4.11
1978	4.295	4.291	4.276	4.239	4.211	4.109
1979	4.498	4.492	4.479	4.443	4.264	3.995
1980	4.47	4.466	4.45	4.331	4.304	4.235
1981	4.833	4.828	4.806	4.756	4.602	4.458
1982	4.829	4.825	4.808	4.782	4.679	4.615
1983	4.745	4.741	4.727	4.691	4.662	4.556
1984	4.613	4.609	4.591	4.556	4.492	4.378
1985	4.53	4.526	4.508	4.474	4.448	4.361
1986	4.361	4.357	4.341	4.303	4.273	4.159
1987	4.067	4.063	4.044	4.01	3.985	3.897
1988	3.815	3.81	3.8	3.765	3.74	3.637
1989	3.796	3.792	3.778	3.756	3.702	3.502
1990	4.1	4.094	4.073	4.029	3.992	3.77

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			5.485	5.479	5.452	5.396	5.24	5.097
0.0645161290322581			5.276	5.272	5.255	5.213	5.181	4.909
0.0967741935483871			5.142	5.138	5.122	5.085	5.055	4.657
0.129032258064516			5.078	5.071	5.042	4.993	4.823	4.615
0.161290322580645			4.997	4.988	4.949	4.876	4.79	4.556
0.193548387096774			4.889	4.884	4.866	4.823	4.679	4.524
0.225806451612903			4.833	4.828	4.808	4.782	4.662	4.51
0.258064516129032			4.829	4.825	4.806	4.756	4.63	4.458
0.290322580645161			4.745	4.741	4.727	4.691	4.602	4.424
0.32258064516129			4.728	4.724	4.706	4.664	4.595	4.378
0.354838709677419			4.712	4.707	4.685	4.634	4.584	4.361
0.387096774193548			4.668	4.664	4.644	4.609	4.492	4.311
0.419354838709677			4.613	4.609	4.591	4.556	4.474	4.276
0.451612903225806			4.569	4.565	4.553	4.474	4.448	4.265
0.483870967741936			4.53	4.526	4.508	4.443	4.386	4.235
0.516129032258065			4.498	4.492	4.479	4.411	4.373	4.21
0.548387096774194			4.47	4.466	4.45	4.398	4.304	4.178
0.580645161290323			4.468	4.465	4.447	4.398	4.273	4.159
0.612903225806452			4.461	4.456	4.435	4.331	4.264	4.156
0.645161290322581			4.363	4.359	4.341	4.303	4.263	4.15
0.67741935483871			4.361	4.357	4.34	4.289	4.245	4.11
0.709677419354839			4.337	4.333	4.323	4.258	4.233	4.109
0.741935483870968			4.315	4.312	4.293	4.239	4.211	4.013
0.774193548387097			4.296	4.293	4.283	4.193	4.168	3.995
0.806451612903226			4.295	4.291	4.276	4.181	4.063	3.897
0.838709677419355			4.1	4.094	4.073	4.029	3.992	3.77
0.870967741935484			4.067	4.063	4.044	4.01	3.985	3.637
0.903225806451613			3.815	3.81	3.8	3.765	3.74	3.502
0.935483870967742			3.796	3.792	3.778	3.756	3.702	1.61
0.967741935483871			0.5781	0.5776	0.5749	0.4669	0.3985	0.2048
0.1	5.1356	5.1313	5.114	5.0758	5.0318	4.6528		

Average of yearly averages: 4.04256

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: berry124TG
Metfile: w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	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	

```
Interval 1     interval       10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14   kg/ha
Interval 2     interval       10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14   kg/ha
Interval 3     interval       10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14   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 currant124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    3.173   3.171   3.16    2.928   2.791   1.643
1962    13.41   13.39   13.3    13.12   12.34   6.218
1963    14.56   14.55   14.48   14.32   14.21   13.29
1964    15.18   15.17   15.09   14.93   14.81   13.93
1965    15.98   15.96   15.89   15.74   15.62   14.8
1966    17.12   17.1    17.02   16.86   16.74   15.98
1967    18.6    18.58   18.49   18.31   18.18   17.16
1968    18.57   18.55   18.46   18.28   18.15   17.29
1969    19.97   19.94   19.84   19.65   19.31   17.97
1970    20.52   20.5    20.4    20.21   20.08   19.22
1971    20.26   20.24   20.14   19.96   19.82   18.9
1972    21.85   21.82   21.73   21.52   21.2    19.31
1973    22.3    22.28   22.16   21.97   21.83   21.11
1974    22.34   22.32   22.21   22.01   21.86   20.96
1975    21.7    21.67   21.57   21.38   21.24   20.44
1976    21.49   21.46   21.35   21.16   21.01   20.12
1977    21.18   21.16   21.06   20.86   20.72   19.91
1978    21.28   21.25   21.15   20.96   20.82   19.95
1979    20.88   20.85   20.75   20.55   20.41   19.78
1980    21.54   21.52   21.41   21.22   21.08   20.26
1981    21.9    21.88   21.76   21.57   21.43   20.77
1982    22.35   22.33   22.22   22.03   21.88   21.15
1983    22.38   22.35   22.24   22.03   21.88   21.03
1984    21.74   21.71   21.61   21.4    21.25   20.56
1985    21.84   21.81   21.69   21.49   21.34   20.54
1986    21.56   21.53   21.42   21.23   21.09   20.22
1987    21.01   20.98   20.87   20.68   20.53   19.69
1988    20.45   20.43   20.32   20.12   19.97   19.1
1989    19.96   19.94   19.83   19.64   19.5    18.87
1990    20.83   20.8    20.69   20.49   20.34   19.28

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       22.38   22.35   22.24   22.03   21.88   21.15
0.0645161290322581      22.35   22.33   22.22   22.03   21.88   21.11
0.0967741935483871      22.34   22.32   22.21   22.01   21.86   21.03
0.129032258064516       22.3    22.28   22.16   21.97   21.83   20.96
0.161290322580645       21.9    21.88   21.76   21.57   21.43   20.77
0.193548387096774       21.85   21.82   21.73   21.52   21.34   20.56
0.225806451612903       21.84   21.81   21.69   21.49   21.25   20.54
0.258064516129032       21.74   21.71   21.61   21.4    21.24   20.44
0.290322580645161       21.7    21.67   21.57   21.38   21.2    20.26
0.32258064516129        21.56   21.53   21.42   21.23   21.09   20.22
0.354838709677419       21.54   21.52   21.41   21.22   21.08   20.12
0.387096774193548       21.49   21.46   21.35   21.16   21.01   19.95
0.419354838709677       21.28   21.25   21.15   20.96   20.82   19.91
0.451612903225806       21.18   21.16   21.06   20.86   20.72   19.78
0.483870967741936       21.01   20.98   20.87   20.68   20.53   19.69
0.516129032258065       20.88   20.85   20.75   20.55   20.41   19.31
0.548387096774194       20.83   20.8    20.69   20.49   20.34   19.28
0.580645161290323       20.52   20.5    20.4    20.21   20.08   19.22
0.612903225806452       20.45   20.43   20.32   20.12   19.97   19.1
0.645161290322581       20.26   20.24   20.14   19.96   19.82   18.9
0.67741935483871        19.97   19.94   19.84   19.65   19.5    18.87
0.709677419354839       19.96   19.94   19.83   19.64   19.31   17.97
0.741935483870968       18.6    18.58   18.49   18.31   18.18   17.29
0.774193548387097       18.57   18.55   18.46   18.28   18.15   17.16
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0.806451612903226      17.12   17.1    17.02   16.86   16.74   15.98
0.838709677419355      15.98   15.96   15.89   15.74   15.62   14.8
0.870967741935484      15.18   15.17   15.09   14.93   14.81   13.93
0.903225806451613      14.56   14.55   14.48   14.32   14.21   13.29
0.935483870967742      13.41   13.39   13.3    13.12   12.34   6.218
0.967741935483871      3.173   3.171   3.16    2.928   2.791   1.643

0.1     22.336  22.316  22.205  22.006  21.857  21.023
                                        Average of yearly averages:   17.9817

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: currant124TA
Metfile:        w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp     0       days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7    0       days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    01-05   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.14    kg/ha
Interval 5      interval        7       days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.14    kg/ha
Interval 6      interval        7       days    Set to 0 or delete line for single app.
app. rate 6     apprate 0.14    kg/ha
Interval 7      interval        7       days    Set to 0 or delete line for single app.
app. rate 7     apprate 0.14    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 currant124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAWineGrapesRLF_V2.txt     modified Wedday, 26 March 2008 at 10:40:10
EXAMS environment: pond298.exvmodified 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    1.258   1.257   1.251   1.002   0.8438  0.4076
1962    10.08   10.07   9.989   9.842   9.036   3.299
1963    9.543   9.535   9.499   9.414   9.347   9.088
1964    8.698   8.689   8.657   8.596   8.552   8.44
1965    8.773   8.767   8.745   8.54    8.306   8.203
1966    9.311   9.302   9.278   8.964   8.654   8.464
1967    9.317   9.308   9.277   9.213   9.147   8.905
1968    8.714   8.709   8.686   8.624   8.571   8.417
1969    10.33   10.32   10.26   10.16   9.814   8.559
1970    9.949   9.94    9.902   9.815   9.747   9.464
1971    9.063   9.056   9.029   8.966   8.916   8.711
1972    11.2    11.19   11.13   11.02   10.7    8.788
1973    10.77   10.76   10.73   10.64   10.58   10.38
1974    10.48   10.47   10.43   10.36   10.3    9.983
```

1975	9.457	9.45	9.423	9.367	9.316	9.193
1976	9.002	8.996	8.969	8.906	8.864	8.658
1977	8.876	8.867	8.83	8.505	8.424	8.334
1978	8.739	8.731	8.699	8.625	8.567	8.336
1979	9.13	9.117	9.091	9.017	8.652	8.09
1980	9.081	9.073	9.04	8.79	8.732	8.578
1981	9.814	9.803	9.759	9.657	9.347	9.042
1982	9.785	9.776	9.742	9.69	9.485	9.349
1983	9.614	9.607	9.577	9.505	9.445	9.22
1984	9.354	9.345	9.308	9.239	9.109	8.868
1985	9.167	9.161	9.134	9.071	9.019	8.834
1986	8.933	8.925	8.893	8.815	8.752	8.496
1987	8.275	8.269	8.242	8.182	8.131	7.949
1988	7.718	7.71	7.68	7.62	7.574	7.411
1989	7.776	7.768	7.739	7.694	7.586	7.174
1990	8.071	8.062	8.03	7.974	7.918	7.582

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			11.2	11.19	11.13	11.02	10.7	10.38
0.0645161290322581			10.77	10.76	10.73	10.64	10.58	9.983
0.0967741935483871			10.48	10.47	10.43	10.36	10.3	9.464
0.129032258064516			10.33	10.32	10.26	10.16	9.814	9.349
0.161290322580645			10.08	10.07	9.989	9.842	9.747	9.22
0.193548387096774			9.949	9.94	9.902	9.815	9.485	9.193
0.225806451612903			9.814	9.803	9.759	9.69	9.445	9.088
0.258064516129032			9.785	9.776	9.742	9.657	9.347	9.042
0.290322580645161			9.614	9.607	9.577	9.505	9.347	8.905
0.32258064516129			9.543	9.535	9.499	9.414	9.316	8.868
0.354838709677419			9.457	9.45	9.423	9.367	9.147	8.834
0.387096774193548			9.354	9.345	9.308	9.239	9.109	8.788
0.419354838709677			9.317	9.308	9.278	9.213	9.036	8.711
0.451612903225806			9.311	9.302	9.277	9.071	9.019	8.658
0.483870967741936			9.167	9.161	9.134	9.017	8.916	8.578
0.516129032258065			9.13	9.117	9.091	8.966	8.864	8.559
0.548387096774194			9.081	9.073	9.04	8.964	8.752	8.496
0.580645161290323			9.063	9.056	9.029	8.906	8.732	8.464
0.612903225806452			9.002	8.996	8.969	8.815	8.654	8.44
0.645161290322581			8.933	8.925	8.893	8.79	8.652	8.417
0.67741935483871			8.876	8.867	8.83	8.625	8.571	8.336
0.709677419354839			8.773	8.767	8.745	8.624	8.567	8.334
0.741935483870968			8.739	8.731	8.699	8.596	8.552	8.203
0.774193548387097			8.714	8.709	8.686	8.54	8.424	8.09
0.806451612903226			8.698	8.689	8.657	8.505	8.306	7.949
0.838709677419355			8.275	8.269	8.242	8.182	8.131	7.582
0.870967741935484			8.071	8.062	8.03	7.974	7.918	7.411
0.903225806451613			7.776	7.768	7.739	7.694	7.586	7.174
0.935483870967742			7.718	7.71	7.68	7.62	7.574	3.299
0.967741935483871			1.258	1.257	1.251	1.002	0.8438	0.4076
0.1	10.465	10.455	10.413	10.34	10.2514	9.4525		
					Average of yearly averages:		8.20742	

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: currant124TG
Metfile: w23234.dvf
PRZM scenario: CAWineGrapesRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp	0	days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7	0	days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	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	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	

```
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14   kg/ha
Interval 3     interval       7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14   kg/ha
Interval 4     interval       7       days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.14   kg/ha
Interval 5     interval       7       days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.14   kg/ha
Interval 6     interval       7       days    Set to 0 or delete line for single app.
app. rate 6    apprate 0.14   kg/ha
Interval 7     interval       7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.14   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 m124TAir9.out
Chemical: Myclobutanil+124T
PRZM environment: CAlettuceSTD.txt    modified Tueday, 21 February 2006 at 15:38:22
EXAMS environment: pond298.exvmodified 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    14.7    14.68   14.59   10.1    7.147   1.811
1962    14.9    14.89   14.81   14.67   14.49   13.89
1963    17.9    17.88   17.81   17.69   17.35   15.41
1964    27.96   27.94   27.81   27.52   24.49   18.62
1965    29.12   29.09   28.97   27.87   26.84   25.87
1966    30.49   30.47   30.38   29.87   28.59   27.32
1967    30.13   30.1    29.99   29.73   29.53   28.35
1968    34.48   34.44   34.34   34.22   33.23   28.74
1969    33.67   33.64   33.5    33.21   32.99   31.75
1970    36.42   36.38   36.24   33.63   32.35   31.26
1971    35.9    35.87   35.73   35.42   35.19   33.45
1972    33.72   33.69   33.57   33.08   32.23   30.8
1973    33.03   33      32.89   32.62   32.41   31.12
1974    43.21   43.16   42.98   38.64   35.83   31.69
1975    42.99   42.95   42.77   42.4    42.12   39.91
1976    41.64   41.59   41.49   41.19   40.89   37.23
1977    41.71   41.68   41.57   41.22   40.95   38.81
1978    41.97   41.93   41.81   41.34   40.87   39.14
1979    41.44   41.4    41.28   40.96   40.7    38.75
1980    40.17   40.13   39.97   38.58   38.34   36.71
1981    40.52   40.49   40.37   40.07   39.87   38.4
1982    39.02   39      38.88   38.59   38.36   36.86
1983    38.55   38.51   38.42   38.18   37.83   35.84
1984    37.71   37.68   37.54   37.24   37.02   35.17
1985    35.61   35.59   35.49   34.87   34.38   33.13
1986    37.02   36.98   36.88   35.67   34.97   33.51
1987    36.75   36.73   36.65   36.4    36.18   34.79
1988    35.4    35.37   35.26   34.98   34.75   32.96
1989    33.51   33.48   33.38   33.14   32.95   31.28
1990    30.43   30.41   30.33   30.18   30.03   28.56

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       43.21   43.16   42.98   42.4    42.12   39.91
0.0645161290322581      42.99   42.95   42.77   41.34   40.95   39.14
0.0967741935483871      41.97   41.93   41.81   41.22   40.89   38.81
0.129032258064516       41.71   41.68   41.57   41.19   40.87   38.75
0.161290322580645       41.64   41.59   41.49   40.96   40.7    38.4
0.193548387096774       41.44   41.4    41.28   40.07   39.87   37.23
0.225806451612903       40.52   40.49   40.37   38.64   38.36   36.86
0.258064516129032       40.17   40.13   39.97   38.59   38.34   36.71
0.290322580645161       39.02   39      38.88   38.58   37.83   35.84
0.32258064516129        38.55   38.51   38.42   38.18   37.02   35.17
0.354838709677419       37.71   37.68   37.54   37.24   36.18   34.79
0.387096774193548       37.02   36.98   36.88   36.4    35.83   33.51
0.419354838709677       36.75   36.73   36.65   35.67   35.19   33.45
0.451612903225806       36.42   36.38   36.24   35.42   34.97   33.13
0.483870967741936       35.9    35.87   35.73   34.98   34.75   32.96
0.516129032258065       35.61   35.59   35.49   34.87   34.38   31.75
0.548387096774194       35.4    35.37   35.26   34.22   33.23   31.69
0.580645161290323       34.48   34.44   34.34   33.63   32.99   31.28
```

0.612903225806452	33.72	33.69	33.57	33.21	32.95	31.26
0.645161290322581	33.67	33.64	33.5	33.14	32.41	31.12
0.67741935483871	33.51	33.48	33.38	33.08	32.35	30.8
0.709677419354839	33.03	33	32.89	32.62	32.23	28.74
0.741935483870968	30.49	30.47	30.38	30.18	30.03	28.56
0.774193548387097	30.43	30.41	30.33	29.87	29.53	28.35
0.806451612903226	30.13	30.1	29.99	29.73	28.59	27.32
0.838709677419355	29.12	29.09	28.97	27.87	26.84	25.87
0.870967741935484	27.96	27.94	27.81	27.52	24.49	18.62
0.903225806451613	17.9	17.88	17.81	17.69	17.35	15.41
0.935483870967742	14.9	14.89	14.81	14.67	14.49	13.89
0.967741935483871	14.7	14.68	14.59	10.1	7.147	1.811

0.1	41.944	41.905	41.786	41.217	40.888	38.804

Average of yearly averages: 30.7043666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir9
Metfile: w23273.dvf
PRZM scenario: CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	02-9	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 m124TGrd9.out
Chemical: Myclobutanil+124T
PRZM environment: CAlettuceSTD.txt modified Tueday, 21 February 2006 at 15:38:22
EXAMS environment: pond298.exvmodified 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	14.21	14.18	14.1	9.411	6.356	1.577
1962	13.99	13.98	13.92	13.84	13.76	13.16
1963	15.82	15.81	15.74	15.61	15.28	13.9
1964	25.61	25.58	25.46	25.18	22.03	16.52
1965	26.28	26.26	26.15	25	24.37	23.48
1966	27.29	27.27	27.18	26.63	25.32	24.49
1967	26.96	26.94	26.83	26.6	26.43	25.15
1968	30.7	30.67	30.55	30.44	29.45	25.23
1969	29.99	29.96	29.84	29.57	29.37	28.09
1970	32.27	32.23	32.1	29.37	28.31	27.34
1971	31.81	31.78	31.65	31.38	31.17	29.38
1972	29	28.98	28.87	28.39	27.49	26.41
1973	28.41	28.38	28.29	28.05	27.87	26.59
1974	38.66	38.62	38.45	33.89	30.96	27.05
1975	38.52	38.48	38.31	37.98	37.72	35.49

1976	36.92	36.87	36.72	36.36	36.07	32.61
1977	37.04	37.02	36.91	36.6	36.36	34.22
1978	37.13	37.09	36.97	36.5	36	34.57
1979	36.69	36.66	36.54	36.26	36.04	34.1
1980	35.2	35.17	35.02	33.75	33.55	31.94
1981	35.73	35.7	35.59	35.33	35.1	33.69
1982	34.09	34.07	33.97	33.71	33.51	32.05
1983	33.48	33.44	33.37	33.18	32.81	31.01
1984	32.78	32.76	32.64	32.38	32.18	30.4
1985	30.53	30.51	30.43	29.77	29.47	28.28
1986	31.98	31.95	31.86	30.56	29.81	28.67
1987	31.78	31.76	31.69	31.47	31.29	29.93
1988	30.31	30.28	30.18	29.95	29.75	28
1989	28.31	28.29	28.2	28	27.83	26.2
1990	25.11	25.1	25.03	24.9	24.78	23.37

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			38.66	38.62	38.45	37.98	37.72	35.49
0.0645161290322581			38.52	38.48	38.31	36.6	36.36	34.57
0.0967741935483871			37.13	37.09	36.97	36.5	36.07	34.22
0.129032258064516			37.04	37.02	36.91	36.36	36.04	34.1
0.161290322580645			36.92	36.87	36.72	36.26	36	33.69
0.193548387096774			36.69	36.66	36.54	35.33	35.1	32.61
0.225806451612903			35.73	35.7	35.59	33.89	33.55	32.05
0.258064516129032			35.2	35.17	35.02	33.75	33.51	31.94
0.290322580645161			34.09	34.07	33.97	33.71	32.81	31.01
0.32258064516129			33.48	33.44	33.37	33.18	32.18	30.4
0.354838709677419			32.78	32.76	32.64	32.38	31.29	29.93
0.387096774193548			32.27	32.23	32.1	31.47	31.17	29.38
0.419354838709677			31.98	31.95	31.86	31.38	30.96	28.67
0.451612903225806			31.81	31.78	31.69	30.56	29.81	28.28
0.483870967741936			31.78	31.76	31.65	30.44	29.75	28.09
0.516129032258065			30.7	30.67	30.55	29.95	29.47	28
0.548387096774194			30.53	30.51	30.43	29.77	29.45	27.34
0.580645161290323			30.31	30.28	30.18	29.57	29.37	27.05
0.612903225806452			29.99	29.96	29.84	29.37	28.31	26.59
0.645161290322581			29	28.98	28.87	28.39	27.87	26.41
0.67741935483871			28.41	28.38	28.29	28.05	27.83	26.2
0.709677419354839			28.31	28.29	28.2	28	27.49	25.23
0.741935483870968			27.29	27.27	27.18	26.63	26.43	25.15
0.774193548387097			26.96	26.94	26.83	26.6	25.32	24.49
0.806451612903226			26.28	26.26	26.15	25.18	24.78	23.48
0.838709677419355			25.61	25.58	25.46	25	24.37	23.37
0.870967741935484			25.11	25.1	25.03	24.9	22.03	16.52
0.903225806451613			15.82	15.81	15.74	15.61	15.28	13.9
0.935483870967742			14.21	14.18	14.1	13.84	13.76	13.16
0.967741935483871			13.99	13.98	13.92	9.411	6.356	1.577

0.1	37.121	37.083	36.964	36.486	36.067	34.208

Average of yearly averages: 26.7632333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TGrd9
Metfile: w23273.dvf
PRZM scenario: CAlettuceSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	02-9	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.

```
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 m124TAir6.out
Chemical: Myclobutanil+124T
PRZM environment: CAMelonsRLF_V2.txt  modified Wedday, 26 March 2008 at 10:33:26
EXAMS environment: pond298.exvmodified 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	5.101	5.095	5.069	3.739	2.978	1.149
1962	6.153	6.136	6.065	5.938	5.848	5.38
1963	8.995	8.987	8.954	8.832	8.549	7.628
1964	11.51	11.5	11.46	11.35	10.56	9.209
1965	11.9	11.89	11.85	11.54	11.23	11.04
1966	12.48	12.47	12.43	11.71	11.64	11.41
1967	12.66	12.62	12.5	12.27	12.18	11.92
1968	15.04	15.03	14.98	14.91	14.19	12.51
1969	14.85	14.84	14.8	14.71	14.62	14.1
1970	16.7	16.69	16.59	15.04	14.47	14.19
1971	16.63	16.61	16.56	16.44	16.34	15.63
1972	16.49	16.47	16.42	16	15.27	14.91
1973	16.23	16.22	16.17	16.06	15.97	15.41
1974	16.23	16.22	16.17	15.93	15.29	14.79
1975	16.11	16.1	16.07	15.98	15.89	15.42
1976	18.61	18.58	18.47	18.27	18.18	16.3
1977	19.1	19.08	17.84	17.72	17.62	16.79
1978	19.32	19.28	19.12	18.85	18.72	18.31
1979	18.61	18.6	18.58	18.48	18.37	17.31
1980	16.43	16.42	16.39	16.29	16.2	15.41
1981	16.41	16.4	16.38	16.26	16.14	15.26
1982	16.6	16.58	16.55	16.49	16.22	14.79
1983	16.38	16.36	16.32	16.2	16.1	15.56
1984	15.39	15.38	15.33	15.22	15.13	14.32
1985	14	13.99	13.96	13.81	13.58	13.24
1986	16.72	16.71	14.78	13.68	13.58	13.06
1987	17.25	17.24	17.19	17.05	16.93	15.97
1988	15	14.99	14.96	14.88	14.79	14.2
1989	14.75	14.74	14.71	14.62	14.54	14.18
1990	14.69	14.69	14.65	14.56	14.46	13.8

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		19.32	19.28	19.12	18.85	18.72	18.31
0.0645161290322581		19.1	19.08	18.58	18.48	18.37	17.31
0.0967741935483871		18.61	18.6	18.47	18.27	18.18	16.79
0.129032258064516		18.61	18.58	17.84	17.72	17.62	16.3
0.161290322580645		17.25	17.24	17.19	17.05	16.93	15.97
0.193548387096774		16.72	16.71	16.59	16.49	16.34	15.63
0.225806451612903		16.7	16.69	16.56	16.44	16.22	15.56
0.258064516129032		16.63	16.61	16.55	16.29	16.2	15.42
0.290322580645161		16.6	16.58	16.42	16.26	16.14	15.41
0.32258064516129		16.49	16.47	16.39	16.2	16.1	15.41
0.354838709677419		16.43	16.42	16.38	16.06	15.97	15.26
0.387096774193548		16.41	16.4	16.32	16	15.89	14.91
0.419354838709677		16.38	16.36	16.17	15.98	15.29	14.79
0.451612903225806		16.23	16.22	16.17	15.93	15.27	14.79
0.483870967741936		16.23	16.22	16.07	15.22	15.13	14.32
0.516129032258065		16.11	16.1	15.33	15.04	14.79	14.2
0.548387096774194		15.39	15.38	14.98	14.91	14.62	14.19
0.580645161290323		15.04	15.03	14.96	14.88	14.54	14.18
0.612903225806452		15	14.99	14.8	14.71	14.47	14.1
0.645161290322581		14.85	14.84	14.78	14.62	14.46	13.8
0.67741935483871		14.75	14.74	14.71	14.56	14.19	13.24
0.709677419354839		14.69	14.69	14.65	13.81	13.58	13.06
0.741935483870968		14	13.99	13.96	13.68	13.58	12.51
0.774193548387097		12.66	12.62	12.5	12.27	12.18	11.92
0.806451612903226		12.48	12.47	12.43	11.71	11.64	11.41
0.838709677419355		11.9	11.89	11.85	11.54	11.23	11.04
0.870967741935484		11.51	11.5	11.46	11.35	10.56	9.209
0.903225806451613		8.995	8.987	8.954	8.832	8.549	7.628
0.935483870967742		6.153	6.136	6.065	5.938	5.848	5.38

```
0.967741935483871     5.101   5.095   5.069   3.739   2.978   1.149

0.1     18.61   18.598  18.407  18.215  18.124  16.741
                                        Average of yearly averages:   13.4398666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TAir6
Metfile:        w93193.dvf
PRZM scenario: CAMelonsRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name  Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.112   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 m124TGrd6.out
Chemical: Myclobutanil+124T
PRZM environment: CAMelonsRLF_V2.txt  modified Wedday, 26 March 2008 at 10:33:26
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    4.127   4.121   4.097   2.706   1.904   0.5555
1962    4.105   4.102   4.086   4.067   4.053   3.911
1963    6.498   6.491   6.467   6.34    6.024   5.424
1964    8.521   8.512   8.481   8.38    7.533   6.41
1965    8.479   8.47    8.447   8.267   8.215   7.809
1966    8.802   8.794   8.765   8.365   8.316   7.811
1967    8.712   8.706   8.678   8.636   8.588   8.072
1968    11.01   10.99   10.95   10.89   10.11   8.491
1969    10.88   10.87   10.84   10.77   10.71   9.939
1970    12.5    12.49   12.39   10.74   10.39   9.897
1971    12.45   12.44   12.39   12.3    12.22   11.27
1972    12.03   12.01   11.97   11.55   10.96   10.44
1973    11.83   11.82   11.79   11.7    11.63   10.9
1974    11.74   11.73   11.69   11.41   10.71   10.22
1975    11.66   11.65   11.62   11.56   11.5    10.81
1976    13.8    13.78   13.69   13.55   13.48   11.62
1977    14.61   14.59   13.28   13.16   13.08   12.1
1978    14.57   14.56   14.53   14.42   14.32   13.78
1979    14.19   14.18   14.16   14.09   14      12.79
1980    12.01   12      11.98   11.9    11.83   10.86
1981    12.04   12.03   12.01   11.92   11.83   10.76
1982    12.09   12.07   12.05   11.99   11.68   10.26
1983    11.93   11.92   11.89   11.8    11.72   11.02
1984    10.94   10.93   10.9    10.82   10.75   9.831
```

```
1985    9.591   9.585   9.562   9.393   9.264   8.79
1986    12.51   12.49   10.49   9.368   9.298   8.637
1987    13.08   13.07   13.03   12.92   12.82   11.67
1988    10.7    10.7    10.68   10.62   10.56   9.795
1989    10.44   10.43   10.41   10.35   10.29   9.763
1990    10.36   10.36   10.33   10.26   10.19   9.346

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       14.61   14.59   14.53   14.42   14.32   13.78
0.0645161290322581      14.57   14.56   14.16   14.09   14      12.79
0.0967741935483871      14.19   14.18   13.69   13.55   13.48   12.1
0.129032258064516       13.8    13.78   13.28   13.16   13.08   11.67
0.161290322580645       13.08   13.07   13.03   12.92   12.82   11.62
0.193548387096774       12.51   12.49   12.39   12.3    12.22   11.27
0.225806451612903       12.5    12.49   12.39   11.99   11.83   11.02
0.258064516129032       12.45   12.44   12.05   11.92   11.83   10.9
0.290322580645161       12.09   12.07   12.01   11.9    11.72   10.86
0.32258064516129        12.04   12.03   11.98   11.8    11.68   10.81
0.354838709677419       12.03   12.01   11.97   11.7    11.63   10.76
0.387096774193548       12.01   12      11.89   11.56   11.5    10.44
0.419354838709677       11.93   11.92   11.79   11.55   10.96   10.26
0.451612903225806       11.83   11.82   11.69   11.41   10.75   10.22
0.483870967741936       11.74   11.73   11.62   10.89   10.71   9.939
0.516129032258065       11.66   11.65   10.95   10.82   10.71   9.897
0.548387096774194       11.01   10.99   10.9    10.77   10.56   9.831
0.580645161290323       10.94   10.93   10.84   10.74   10.39   9.795
0.612903225806452       10.88   10.87   10.68   10.62   10.29   9.763
0.645161290322581       10.7    10.7    10.49   10.35   10.19   9.346
0.67741935483871        10.44   10.43   10.41   10.26   10.11   8.79
0.709677419354839       10.36   10.36   10.33   9.393   9.298   8.637
0.741935483870968       9.591   9.585   9.562   9.368   9.264   8.491
0.774193548387097       8.802   8.794   8.765   8.636   8.588   8.072
0.806451612903226       8.712   8.706   8.678   8.38    8.316   7.811
0.838709677419355       8.521   8.512   8.481   8.365   8.215   7.809
0.870967741935484       8.479   8.47    8.447   8.267   7.533   6.41
0.903225806451613       6.498   6.491   6.467   6.34    6.024   5.424
0.935483870967742       4.127   4.121   4.097   4.067   4.053   3.911
0.967741935483871       4.105   4.102   4.086   2.706   1.904   0.5555

0.1     14.151  14.14   13.649  13.511  13.44   12.057
                                        Average of yearly averages:   9.43271666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: m124TGrd6
Metfile:        w93193.dvf
PRZM scenario: CAMelonsRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    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        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        7       days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.112   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 nurs124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAnurserySTD_V2.txt modified Tueday, 27 May 2008 at 11:16:22
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23188.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    7.518   7.509   7.468   6.257   5.879   2.484
1962    12.7    12.68   12.58   12.39   12.27   9.736
1963    18.56   18.52   18.37   18.06   17.96   14.61
1964    21.04   21      20.85   20.59   20.39   18.41
1965    35.81   35.77   35.59   32.43   29.15   22.87
1966    41.85   41.8    41.63   40.77   40.28   35.37
1967    47.07   47      46.85   44.14   42.52   40.36
1968    46.34   46.29   46.09   45.6    45.21   43.55
1969    52.15   52.09   51.91   51.43   51.04   49.01
1970    50.22   50.16   49.96   47.26   46.34   45.48
1971    55.07   54.99   54.66   54.05   52.81   48.91
1972    53.26   53.21   53      52.51   52.11   50.36
1973    50.06   50.01   49.81   49.32   48.94   47.4
1974    49.36   49.31   49.1    47.1    46.76   45.79
1975    48.8    48.75   48.55   48.09   47.75   46.28
1976    46.44   46.35   45.98   45.44   45.19   44.07
1977    49.56   49.46   49.11   48.3    47.72   43.42
1978    44.72   44.67   44.54   44.11   43.73   42.03
1979    40.57   40.53   40.39   40.01   39.71   38.76
1980    41.31   41.26   41.1    40.76   40.42   39.19
1981    48.29   48.24   47.98   42.61   40.59   37.81
1982    47.78   47.74   47.54   47.04   46.64   45.31
1983    46.03   45.98   45.75   45.28   44.89   43.03
1984    40.43   40.38   40.18   39.74   39.39   37.94
1985    45.32   45.27   45.09   42.89   40.43   36.72
1986    48.66   48.58   48.29   47.75   47.38   43.59
1987    46.46   46.42   46.25   45.81   45.46   44.37
1988    43.76   43.72   43.54   43.11   42.76   41.74
1989    43.3    43.26   43.09   42.69   42.37   41.13
1990    41.47   41.41   41.26   41.02   40.76   39.59

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       55.07   54.99   54.66   54.05   52.81   50.36
0.0645161290322581      53.26   53.21   53      52.51   52.11   49.01
0.0967741935483871      52.15   52.09   51.91   51.43   51.04   48.91
0.129032258064516       50.22   50.16   49.96   49.32   48.94   47.4
0.161290322580645       50.06   50.01   49.81   48.3    47.75   46.28
0.193548387096774       49.56   49.46   49.11   48.09   47.72   45.79
0.225806451612903       49.36   49.31   49.1    47.75   47.38   45.48
0.258064516129032       48.8    48.75   48.55   47.26   46.76   45.31
0.290322580645161       48.66   48.58   48.29   47.1    46.64   44.37
0.32258064516129        48.29   48.24   47.98   47.04   46.34   44.07
0.354838709677419       47.78   47.74   47.54   45.81   45.46   43.59
0.387096774193548       47.07   47      46.85   45.6    45.21   43.55
0.419354838709677       46.46   46.42   46.25   45.44   45.19   43.42
0.451612903225806       46.44   46.35   46.09   45.28   44.89   43.03
0.483870967741936       46.34   46.29   45.98   44.14   43.73   42.03
0.516129032258065       46.03   45.98   45.75   44.11   42.76   41.74
0.548387096774194       45.32   45.27   45.09   43.11   42.52   41.13
0.580645161290323       44.72   44.67   44.54   42.89   42.37   40.36
0.612903225806452       43.76   43.72   43.54   42.69   40.76   39.59
0.645161290322581       43.3    43.26   43.09   42.61   40.59   39.19
0.67741935483871        41.85   41.8    41.63   41.02   40.43   38.76
0.709677419354839       41.47   41.41   41.26   40.77   40.42   37.94
0.741935483870968       41.31   41.26   41.1    40.76   40.28   37.81
0.774193548387097       40.57   40.53   40.39   40.01   39.71   36.72
0.806451612903226       40.43   40.38   40.18   39.74   39.39   35.37
0.838709677419355       35.81   35.77   35.59   32.43   29.15   22.87
0.870967741935484       21.04   21      20.85   20.59   20.39   18.41
0.903225806451613       18.56   18.52   18.37   18.06   17.96   14.61
0.935483870967742       12.7    12.68   12.58   12.39   12.27   9.736
0.967741935483871       7.518   7.509   7.468   6.257   5.879   2.484

0.1     51.957  51.897  51.715  51.219  50.83   48.759
                                        Average of yearly averages:   37.9773333333333
```

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: nurs124TA
Metfile: w23188.dvf
PRZM scenario: CAnurserySTD_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis: pH 7			days	Half-life
Method: CAM 2		integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.291	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-07	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.2912	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.2912	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.2912	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.2912	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.2912	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.2912	kg/ha	
Interval 7	interval	7	days	Set to 0 or delete line for single app.
app. rate 7	apprate	0.2016	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 nurs124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAnurserySTD_V2.txt modified Tueday, 27 May 2008 at 11:16:22
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w23188.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	3.679	3.673	3.649	2.36	1.922	0.681
1962	5.088	5.079	5.042	4.982	4.939	4.541
1963	8.787	8.776	8.73	8.487	8.384	6.667
1964	9.721	9.711	8.587	8.501	8.445	8.299
1965	23.25	23.22	23.1	19.79	16.24	11
1966	28.36	28.33	28.2	27.19	26.53	22.53
1967	32.78	32.73	32.61	29.76	27.91	26.63
1968	32.31	32.27	32.12	31.78	31.5	29.22
1969	37.77	37.73	37.62	37.27	36.98	34.18
1970	34.35	34.32	34.13	31.15	30.97	29.97
1971	38.32	38.26	38.03	37.6	36.3	33.01
1972	37.2	37.17	37.02	36.68	36.39	34.18
1973	33.58	33.55	33.41	33.08	32.83	30.79
1974	32.1	32.07	31.92	30.5	30.26	28.87
1975	31.78	31.75	31.61	31.3	31.08	29.11
1976	28.65	28.62	28.5	28.19	27.96	26.77
1977	30.59	30.54	30.33	29.81	29.46	26.3
1978	27.63	27.6	27.56	27.32	27.09	25.12
1979	23.54	23.52	23.46	23.24	23.06	21.81
1980	24.56	24.52	24.44	24.28	24.09	22.43
1981	31.7	31.67	31.49	25.82	23.52	21.15
1982	31.53	31.5	31.36	31.03	30.76	29.05
1983	29.66	29.63	29.48	29.18	28.94	26.78
1984	24.13	24.1	23.99	23.72	23.52	21.84

1985	28.91	28.87	28.77	26.44	23.7	20.57
1986	31.43	31.39	31.19	30.87	30.57	27.45
1987	30.09	30.06	29.96	29.68	29.45	27.87
1988	26.91	26.88	26.77	26.51	26.3	24.86
1989	26.19	26.17	26.06	25.81	25.62	23.95
1990	24.21	24.19	24.12	23.92	23.79	22.26

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			38.32	38.26	38.03	37.6	36.98	34.18
0.0645161290322581			37.77	37.73	37.62	37.27	36.39	34.18
0.0967741935483871			37.2	37.17	37.02	36.68	36.3	33.01
0.129032258064516			34.35	34.32	34.13	33.08	32.83	30.79
0.161290322580645			33.58	33.55	33.41	31.78	31.5	29.97
0.193548387096774			32.78	32.73	32.61	31.3	31.08	29.22
0.225806451612903			32.31	32.27	32.12	31.15	30.97	29.11
0.258064516129032			32.1	32.07	31.92	31.03	30.76	29.05
0.290322580645161			31.78	31.75	31.61	30.87	30.57	28.87
0.32258064516129			31.7	31.67	31.49	30.5	30.26	27.87
0.354838709677419			31.53	31.5	31.36	29.81	29.46	27.45
0.387096774193548			31.43	31.39	31.19	29.76	29.45	26.78
0.419354838709677			30.59	30.54	30.33	29.68	28.94	26.77
0.451612903225806			30.09	30.06	29.96	29.18	27.96	26.63
0.483870967741936			29.66	29.63	29.48	28.19	27.91	26.3
0.516129032258065			28.91	28.87	28.77	27.32	27.09	25.12
0.548387096774194			28.65	28.62	28.5	27.19	26.53	24.86
0.580645161290323			28.36	28.33	28.2	26.51	26.3	23.95
0.612903225806452			27.63	27.6	27.56	26.44	25.62	22.53
0.645161290322581			26.91	26.88	26.77	25.82	24.09	22.43
0.67741935483871			26.19	26.17	26.06	25.81	23.79	22.26
0.709677419354839			24.56	24.52	24.44	24.28	23.7	21.84
0.741935483870968			24.21	24.19	24.12	23.92	23.52	21.81
0.774193548387097			24.13	24.1	23.99	23.72	23.52	21.15
0.806451612903226			23.54	23.52	23.46	23.24	23.06	20.57
0.838709677419355			23.25	23.22	23.1	19.79	16.24	11
0.870967741935484			9.721	9.711	8.73	8.501	8.445	8.299
0.903225806451613			8.787	8.776	8.587	8.487	8.384	6.667
0.935483870967742			5.088	5.079	5.042	4.982	4.939	4.541
0.967741935483871			3.679	3.673	3.649	2.36	1.922	0.681
0.1	36.915	36.885	36.731	36.32	35.953	32.788		

Average of yearly averages: 23.2629333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: nurs124TG
Metfile: w23188.dvf
PRZM scenario: CAnurserySTD_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.2912	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	01-7	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.2912	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.2912	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.2912	kg/ha	
Interval 4	interval	7	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.2912	kg/ha	
Interval 5	interval	7	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.2912	kg/ha	
Interval 6	interval	7	days	Set to 0 or delete line for single app.
app. rate 6	apprate	0.2912	kg/ha	

```
Interval 7     interval       7       days    Set to 0 or delete line for single app.
app. rate 7    apprate 0.2016  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 ArtC124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	2.626	2.621	2.604	2.565	2.537	1.876
1962	7.007	6.996	6.954	6.873	6.608	4.575
1963	9.265	9.255	9.212	9.116	9.063	8.231
1964	9.487	9.477	9.437	9.366	9.321	8.81
1965	10.11	10.1	10.06	9.966	9.913	9.335
1966	11.06	11.05	11	10.9	10.83	10.15
1967	12.56	12.55	12.49	12.4	12.35	11.47
1968	12.86	12.84	12.79	12.69	12.61	11.87
1969	13.65	13.64	13.58	13.47	13.38	12.6
1970	14.28	14.26	14.2	14.08	14	13.22
1971	14.36	14.34	14.28	14.18	14.1	13.29
1972	13.93	13.92	13.86	13.75	13.68	13.15
1973	15.05	15.04	14.97	14.86	14.76	13.88
1974	16.03	16.01	15.94	15.83	15.75	14.69
1975	16.67	16.65	16.58	16.46	16.37	15.36
1976	16.56	16.55	16.48	16.36	16.28	15.43
1977	16.86	16.84	16.77	16.66	16.57	15.58
1978	17.59	17.57	17.48	17.29	17.14	16.06
1979	16.79	16.77	16.69	16.58	16.5	15.78
1980	17.2	17.19	17.11	17	16.92	16.01
1981	17.08	17.07	16.99	16.87	16.77	15.96
1982	18.57	18.55	18.47	18.35	18.26	17.13
1983	18.33	18.31	18.23	18.07	17.97	16.98
1984	17.35	17.34	17.25	17.13	17.04	16.22
1985	17.05	17.03	16.95	16.84	16.73	15.87
1986	17.15	17.13	17.05	16.94	16.84	15.91
1987	16.45	16.43	16.35	16.23	16.13	15.32
1988	16.67	16.65	16.57	16.43	16.3	15.28
1989	16.02	16	15.93	15.81	15.71	15
1990	16.84	16.82	16.73	16.55	16.51	15.59

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		18.57	18.55	18.47	18.35	18.26	17.13
0.0645161290322581		18.33	18.31	18.23	18.07	17.97	16.98
0.0967741935483871		17.59	17.57	17.48	17.29	17.14	16.22
0.129032258064516		17.35	17.34	17.25	17.13	17.04	16.06
0.161290322580645		17.2	17.19	17.11	17	16.92	16.01
0.193548387096774		17.15	17.13	17.05	16.94	16.84	15.96
0.225806451612903		17.08	17.07	16.99	16.87	16.77	15.91
0.258064516129032		17.05	17.03	16.95	16.84	16.73	15.87
0.290322580645161		16.86	16.84	16.77	16.66	16.57	15.78
0.32258064516129		16.84	16.82	16.73	16.58	16.51	15.59
0.354838709677419		16.79	16.77	16.69	16.55	16.5	15.58
0.387096774193548		16.67	16.65	16.58	16.46	16.37	15.43
0.419354838709677		16.67	16.65	16.57	16.43	16.3	15.36
0.451612903225806		16.56	16.55	16.48	16.36	16.28	15.32
0.483870967741936		16.45	16.43	16.35	16.23	16.13	15.28
0.516129032258065		16.03	16.01	15.94	15.83	15.75	15
0.548387096774194		16.02	16	15.93	15.81	15.71	14.69
0.580645161290323		15.05	15.04	14.97	14.86	14.76	13.88
0.612903225806452		14.36	14.34	14.28	14.18	14.1	13.29
0.645161290322581		14.28	14.26	14.2	14.08	14	13.22
0.67741935483871		13.93	13.92	13.86	13.75	13.68	13.15
0.709677419354839		13.65	13.64	13.58	13.47	13.38	12.6
0.741935483870968		12.86	12.84	12.79	12.69	12.61	11.87
0.774193548387097		12.56	12.55	12.49	12.4	12.35	11.47
0.806451612903226		11.06	11.05	11	10.9	10.83	10.15
0.838709677419355		10.11	10.1	10.06	9.966	9.913	9.335
0.870967741935484		9.487	9.477	9.437	9.366	9.321	8.81
0.903225806451613		9.265	9.255	9.212	9.116	9.063	8.231
0.935483870967742		7.007	6.996	6.954	6.873	6.608	4.575
0.967741935483871		2.626	2.621	2.604	2.565	2.537	1.876

```
0.1    17.566  17.547  17.457  17.274  17.13   16.204
                                       Average of yearly averages:   13.3542333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ArtC124TA
Metfile:       w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd     Kd      0.719  mg/L
Koc    Koc            mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.112   kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05   fraction of application rate applied to pond
Application Date       Date    15-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval       14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.112  kg/ha
Interval 2     interval       14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.112  kg/ha
Interval 3     interval       14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.112  kg/ha
Interval 4     interval       14      days    Set to 0 or delete line for single app.
app. rate 4    apprate 0.112  kg/ha
Interval 5     interval       14      days    Set to 0 or delete line for single app.
app. rate 5    apprate 0.112  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 ArtC124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    1.362   1.36    1.35    1.331   1.317   0.9584
1962    5.039   5.03    4.997   4.932   4.66    2.676
1963    6.193   6.186   6.162   6.126   6.088   5.565
1964    5.626   5.621   5.599   5.581   5.571   5.401
1965    5.597   5.591   5.569   5.543   5.513   5.28
1966    5.993   5.987   5.968   5.94    5.9     5.56
1967    7.065   7.058   7.034   7.004   6.99    6.482
1968    7.009   7.002   6.983   6.958   6.916   6.533
1969    7.486   7.479   7.462   7.422   7.368   6.961
1970    7.904   7.896   7.879   7.84    7.786   7.377
1971    7.738   7.731   7.713   7.674   7.623   7.21
1972    7.172   7.166   7.138   7.07    6.992   6.861
1973    8.081   8.072   8.054   8.008   7.948   7.457
1974    8.96    8.951   8.933   8.895   8.837   8.159
1975    9.472   9.464   9.447   9.399   9.334   8.711
1976    9.217   9.209   9.193   9.161   9.129   8.66
1977    9.483   9.473   9.451   9.409   9.347   8.752
1978    10.21   10.2    10.15   10.03   9.949   9.24
1979    9.331   9.322   9.303   9.27    9.212   8.901
1980    9.791   9.781   9.758   9.715   9.654   9.143
1981    9.612   9.603   9.581   9.533   9.463   9.054
1982    11.12   11.11   11.09   11.04   10.96   10.21
1983    10.83   10.81   10.76   10.67   10.62   10.06
```

1984	9.902	9.893	9.873	9.823	9.753	9.348
1985	9.583	9.573	9.549	9.498	9.427	8.977
1986	9.705	9.695	9.673	9.624	9.555	9.015
1987	8.957	8.948	8.926	8.868	8.799	8.409
1988	9.237	9.226	9.191	9.111	9.041	8.418
1989	8.574	8.564	8.541	8.491	8.426	8.124
1990	9.53	9.52	9.47	9.354	9.264	8.733

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		11.12	11.11	11.09	11.04	10.96	10.21
0.0645161290322581		10.83	10.81	10.76	10.67	10.62	10.06
0.0967741935483871		10.21	10.2	10.15	10.03	9.949	9.348
0.129032258064516		9.902	9.893	9.873	9.823	9.753	9.24
0.161290322580645		9.791	9.781	9.758	9.715	9.654	9.143
0.193548387096774		9.705	9.695	9.673	9.624	9.555	9.054
0.225806451612903		9.612	9.603	9.581	9.533	9.463	9.015
0.258064516129032		9.583	9.573	9.549	9.498	9.427	8.977
0.290322580645161		9.53	9.52	9.47	9.409	9.347	8.901
0.32258064516129		9.483	9.473	9.451	9.399	9.334	8.752
0.354838709677419		9.472	9.464	9.447	9.354	9.264	8.733
0.387096774193548		9.331	9.322	9.303	9.27	9.212	8.711
0.419354838709677		9.237	9.226	9.193	9.161	9.129	8.66
0.451612903225806		9.217	9.209	9.191	9.111	9.041	8.418
0.483870967741936		8.96	8.951	8.933	8.895	8.837	8.409
0.516129032258065		8.957	8.948	8.926	8.868	8.799	8.159
0.548387096774194		8.574	8.564	8.541	8.491	8.426	8.124
0.580645161290323		8.081	8.072	8.054	8.008	7.948	7.457
0.612903225806452		7.904	7.896	7.879	7.84	7.786	7.377
0.645161290322581		7.738	7.731	7.713	7.674	7.623	7.21
0.67741935483871		7.486	7.479	7.462	7.422	7.368	6.961
0.709677419354839		7.172	7.166	7.138	7.07	6.992	6.861
0.741935483870968		7.065	7.058	7.034	7.004	6.99	6.533
0.774193548387097		7.009	7.002	6.983	6.958	6.916	6.482
0.806451612903226		6.193	6.186	6.162	6.126	6.088	5.565
0.838709677419355		5.993	5.987	5.968	5.94	5.9	5.56
0.870967741935484		5.626	5.621	5.599	5.581	5.571	5.401
0.903225806451613		5.597	5.591	5.569	5.543	5.513	5.28
0.935483870967742		5.039	5.03	4.997	4.932	4.66	2.676
0.967741935483871		1.362	1.36	1.35	1.331	1.317	0.9584
0.1	10.1792	10.1693	10.1223	10.0093	9.9294	9.3372	

Average of yearly averages: 7.54118

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: ArtC124TG
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.112	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	15-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.112	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.112	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.112	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.112	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.112	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 Asper124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    3.311   3.309   3.293   2.879   2.581   0.888
1962    16.08   16.05   15.94   15.71   14.63   6.156
1963    15.35   15.33   15.25   15.22   15.17   14.73
1964    16.39   16.37   16.34   16.22   15.84   14.73
1965    17.59   17.58   17.52   17.14   16.74   15.76
1966    18.96   18.95   18.88   18.43   17.95   16.93
1967    18.63   18.62   18.56   18.41   18.3    17.89
1968    17.76   17.74   17.69   17.57   17.46   17.1
1969    20.65   20.63   20.51   20.3    19.77   17.23
1970    19.82   19.81   19.73   19.56   19.42   18.92
1971    18.72   18.7    18.65   18.52   18.41   18.03
1972    21.77   21.74   21.65   21.43   21.03   18.19
1973    20.96   20.95   20.88   20.72   20.59   20.14
1974    20.27   20.26   20.2    20.05   19.94   19.42
1975    20.48   20.46   20.36   20.18   19.99   18.71
1976    19.73   19.72   19.66   19.52   19.4    18.93
1977    19.63   19.61   19.53   19      18.75   18.17
1978    19.29   19.27   19.2    19.04   18.91   18.41
1979    20.57   20.54   20.46   20.28   19.67   18.07
1980    21.37   21.35   21.27   20.07   19.8    19.24
1981    21.1    21.08   21      20.84   20.7    20.24
1982    20.43   20.42   20.36   20.23   20.11   19.71
1983    19.81   19.79   19.73   19.59   19.47   19
1984    20.12   20.1    20      19.93   19.73   18.52
1985    19.62   19.61   19.55   19.41   19.3    18.85
1986    18.97   18.96   18.89   18.72   18.59   18.09
1987    17.76   17.75   17.7    17.57   17.46   17.1
1988    17.24   17.23   17.17   17.03   16.92   16.52
1989    18.45   18.43   18.34   18.24   18.09   16.41
1990    18.01   17.99   17.93   17.8    17.7    17.24

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       21.77   21.74   21.65   21.43   21.03   20.24
0.0645161290322581      21.37   21.35   21.27   20.84   20.7    20.14
0.0967741935483871      21.1    21.08   21      20.72   20.59   19.71
0.129032258064516       20.96   20.95   20.88   20.3    20.11   19.42
0.161290322580645       20.65   20.63   20.51   20.28   19.99   19.24
0.193548387096774       20.57   20.54   20.46   20.23   19.94   19
0.225806451612903       20.48   20.46   20.36   20.18   19.8    18.93
0.258064516129032       20.43   20.42   20.36   20.07   19.77   18.92
0.290322580645161       20.27   20.26   20.2    20.05   19.73   18.85
0.32258064516129        20.12   20.1    20      19.93   19.67   18.71
0.354838709677419       19.82   19.81   19.73   19.59   19.47   18.52
0.387096774193548       19.81   19.79   19.73   19.56   19.42   18.41
0.419354838709677       19.73   19.72   19.66   19.52   19.4    18.19
0.451612903225806       19.63   19.61   19.55   19.41   19.3    18.17
0.483870967741936       19.62   19.61   19.53   19.04   18.91   18.09
0.516129032258065       19.29   19.27   19.2    19      18.75   18.07
0.548387096774194       18.97   18.96   18.89   18.72   18.59   18.03
0.580645161290323       18.96   18.95   18.88   18.52   18.41   17.89
0.612903225806452       18.72   18.7    18.65   18.43   18.3    17.24
0.645161290322581       18.63   18.62   18.56   18.41   18.09   17.23
0.67741935483871        18.45   18.43   18.34   18.24   17.95   17.1
0.709677419354839       18.01   17.99   17.93   17.8    17.7    17.1
0.741935483870968       17.76   17.75   17.7    17.57   17.46   16.93
0.774193548387097       17.76   17.74   17.69   17.57   17.46   16.52
0.806451612903226       17.59   17.58   17.52   17.14   16.92   16.41
0.838709677419355       17.24   17.23   17.17   17.03   16.74   15.76
0.870967741935484       16.39   16.37   16.34   16.22   15.84   14.73
0.903225806451613       16.08   16.05   15.94   15.71   15.17   14.73
0.935483870967742       15.35   15.33   15.25   15.22   14.63   6.156
0.967741935483871       3.311   3.309   3.293   2.879   2.581   0.888

0.1     21.086  21.067  20.988  20.678  20.542  19.681
```

Average of yearly averages: 16.9774666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Asper124TA
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	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	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.14	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.14	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 Asper124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	1.825	1.823	1.813	1.374	1.048	0.3087
1962	13.68	13.65	13.55	13.34	12.23	4.322
1963	12.93	12.91	12.86	12.75	12.65	12.02
1964	11.91	11.9	11.88	11.8	11.38	10.99
1965	12.36	12.35	12.31	11.94	11.48	11.16
1966	13.11	13.1	13.05	12.58	12.04	11.63
1967	12.88	12.87	12.82	12.72	12.64	12
1968	11.42	11.42	11.38	11.3	11.23	10.69
1969	13.27	13.25	13.17	13.04	12.49	10.38
1970	12.72	12.71	12.66	12.55	12.46	11.82
1971	11.27	11.26	11.22	11.15	11.08	10.57
1972	13.57	13.55	13.49	13.34	12.95	10.46
1973	13.04	13.03	12.98	12.88	12.8	12.26
1974	12.13	12.12	12.08	12	11.93	11.32
1975	11.6	11.59	11.53	11.43	11.26	10.39
1976	11.17	11.16	11.13	11.05	10.98	10.46
1977	10.72	10.71	10.66	10.11	9.864	9.587
1978	10.54	10.53	10.49	10.39	10.32	9.809
1979	11.53	11.51	11.47	11.37	10.69	9.396
1980	12.48	12.47	12.42	11.12	10.96	10.6
1981	12.31	12.3	12.26	12.16	12.08	11.59
1982	11.6	11.59	11.56	11.48	11.41	10.98
1983	10.86	10.85	10.82	10.74	10.67	10.22
1984	11.04	11.03	11	10.94	10.73	9.832
1985	10.8	10.8	10.76	10.69	10.63	10.16
1986	10.07	10.07	10.03	9.94	9.87	9.363

```
1987    8.818   8.813   8.79    8.725   8.671   8.335
1988    8.332   8.325   8.297   8.231   8.177   7.785
1989    9.291   9.279   9.241   9.213   9.025   7.667
1990    9.136   9.129   9.097   9.028   8.974   8.522

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       13.68   13.65   13.55   13.34   12.95   12.26
0.0645161290322581      13.57   13.55   13.49   13.34   12.8    12.02
0.0967741935483871      13.27   13.25   13.17   13.04   12.65   12
0.129032258064516       13.11   13.1    13.05   12.88   12.64   11.82
0.161290322580645       13.04   13.03   12.98   12.75   12.49   11.63
0.193548387096774       12.93   12.91   12.86   12.72   12.46   11.59
0.225806451612903       12.88   12.87   12.82   12.58   12.23   11.32
0.258064516129032       12.72   12.71   12.66   12.55   12.08   11.16
0.290322580645161       12.48   12.47   12.42   12.16   12.04   10.99
0.32258064516129        12.36   12.35   12.31   12      11.93   10.98
0.354838709677419       12.31   12.3    12.26   11.94   11.48   10.69
0.387096774193548       12.13   12.12   12.08   11.8    11.41   10.6
0.419354838709677       11.91   11.9    11.88   11.48   11.38   10.57
0.451612903225806       11.6    11.59   11.56   11.43   11.26   10.46
0.483870967741936       11.6    11.59   11.53   11.37   11.23   10.46
0.516129032258065       11.53   11.51   11.47   11.3    11.08   10.39
0.548387096774194       11.42   11.42   11.38   11.15   10.98   10.38
0.580645161290323       11.27   11.26   11.22   11.12   10.96   10.22
0.612903225806452       11.17   11.16   11.13   11.05   10.73   10.16
0.645161290322581       11.04   11.03   11      10.94   10.69   9.832
0.67741935483871        10.86   10.85   10.82   10.74   10.67   9.809
0.709677419354839       10.8    10.8    10.76   10.69   10.63   9.587
0.741935483870968       10.72   10.71   10.66   10.39   10.32   9.396
0.774193548387097       10.54   10.53   10.49   10.11   9.87    9.363
0.806451612903226       10.07   10.07   10.03   9.94    9.864   8.522
0.838709677419355       9.291   9.279   9.241   9.213   9.025   8.335
0.870967741935484       9.136   9.129   9.097   9.028   8.974   7.785
0.903225806451613       8.818   8.813   8.79    8.725   8.671   7.667
0.935483870967742       8.332   8.325   8.297   8.231   8.177   4.322
0.967741935483871       1.825   1.823   1.813   1.374   1.048   0.3087

0.1     13.254  13.235  13.158  13.024  12.649  11.982
                                        Average of yearly averages:   9.82089

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Asper124TG
Metfile:        w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    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        14      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        14      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        14      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    kg/ha
Interval 4      interval        14      days    Set to 0 or delete line for single app.
app. rate 4     apprate 0.14    kg/ha
Interval 5      interval        14      days    Set to 0 or delete line for single app.
app. rate 5     apprate 0.14    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 Bean124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	2.416	2.412	2.399	2.378	2.364	1.834
1962	4.265	4.26	4.24	4.198	4.141	3.683
1963	6.607	6.599	6.575	6.524	6.475	5.765
1964	7.126	7.119	7.094	7.028	6.983	6.475
1965	7.556	7.548	7.534	7.501	7.462	6.948
1966	8.559	8.549	8.507	8.418	8.35	7.726
1967	9.025	9.017	8.996	8.947	8.899	8.291
1968	10.01	10	9.964	9.913	9.849	9.064
1969	10.78	10.77	10.72	10.62	10.54	9.796
1970	10.95	10.94	10.9	10.85	10.79	10.08
1971	11.62	11.61	11.59	11.55	11.48	10.64
1972	11.43	11.41	11.39	11.33	11.26	10.59
1973	12.14	12.13	12.07	11.97	11.9	11.1
1974	12.42	12.41	12.35	12.28	12.21	11.43
1975	12.91	12.89	12.85	12.74	12.66	11.81
1976	13.73	13.72	13.69	13.61	13.52	12.54
1977	14.5	14.49	14.42	14.35	14.27	13.22
1978	15.96	15.94	15.88	15.83	15.74	14.49
1979	15.58	15.56	15.5	15.37	15.27	14.38
1980	15.85	15.84	15.78	15.69	15.61	14.62
1981	15.37	15.35	15.32	15.19	15.09	14.2
1982	14.59	14.57	14.54	14.47	14.38	13.58
1983	14.82	14.81	14.76	14.63	14.52	13.52
1984	13.77	13.76	13.71	13.66	13.57	12.79
1985	13.35	13.34	13.28	13.2	13.13	12.35
1986	13.48	13.46	13.41	13.32	13.22	12.36
1987	12.9	12.88	12.83	12.73	12.67	11.94
1988	12.43	12.41	12.38	12.33	12.26	11.52
1989	12.16	12.15	12.11	12.05	11.97	11.24
1990	12.03	12.02	11.96	11.86	11.81	11.09

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			15.96	15.94	15.88	15.83	15.74	14.62
0.0645161290322581			15.85	15.84	15.78	15.69	15.61	14.49
0.0967741935483871			15.58	15.56	15.5	15.37	15.27	14.38
0.129032258064516			15.37	15.35	15.32	15.19	15.09	14.2
0.161290322580645			14.82	14.81	14.76	14.63	14.52	13.58
0.193548387096774			14.59	14.57	14.54	14.47	14.38	13.52
0.225806451612903			14.5	14.49	14.42	14.35	14.27	13.22
0.258064516129032			13.77	13.76	13.71	13.66	13.57	12.79
0.290322580645161			13.73	13.72	13.69	13.61	13.52	12.54
0.32258064516129			13.48	13.46	13.41	13.32	13.22	12.36
0.354838709677419			13.35	13.34	13.28	13.2	13.13	12.35
0.387096774193548			12.91	12.89	12.85	12.74	12.67	11.94
0.419354838709677			12.9	12.88	12.83	12.73	12.66	11.81
0.451612903225806			12.43	12.41	12.38	12.33	12.26	11.52
0.483870967741936			12.42	12.41	12.35	12.28	12.21	11.43
0.516129032258065			12.16	12.15	12.11	12.05	11.97	11.24
0.548387096774194			12.14	12.13	12.07	11.97	11.9	11.1
0.580645161290323			12.03	12.02	11.96	11.86	11.81	11.09
0.612903225806452			11.62	11.61	11.59	11.55	11.48	10.64
0.645161290322581			11.43	11.41	11.39	11.33	11.26	10.59
0.67741935483871			10.95	10.94	10.9	10.85	10.79	10.08
0.709677419354839			10.78	10.77	10.72	10.62	10.54	9.796
0.741935483870968			10.01	10	9.964	9.913	9.849	9.064
0.774193548387097			9.025	9.017	8.996	8.947	8.899	8.291
0.806451612903226			8.559	8.549	8.507	8.418	8.35	7.726
0.838709677419355			7.556	7.548	7.534	7.501	7.462	6.948
0.870967741935484			7.126	7.119	7.094	7.028	6.983	6.475
0.903225806451613			6.607	6.599	6.575	6.524	6.475	5.765
0.935483870967742			4.265	4.26	4.24	4.198	4.141	3.683
0.967741935483871			2.416	2.412	2.399	2.378	2.364	1.834
0.1	15.559	15.539	15.482	15.352	15.252	14.362		

Average of yearly averages: 10.6357333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Bean124TA
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	502	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	20-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 Bean124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	1.372	1.369	1.363	1.35	1.337	1.027
1962	2.574	2.571	2.558	2.531	2.477	2.049
1963	4	3.995	3.976	3.945	3.916	3.457
1964	3.84	3.837	3.826	3.793	3.767	3.561
1965	3.764	3.761	3.746	3.723	3.706	3.503
1966	4.3	4.295	4.273	4.227	4.192	3.845
1967	4.39	4.386	4.37	4.338	4.31	4.053
1968	5.093	5.088	5.065	5.028	4.998	4.56
1969	5.612	5.606	5.582	5.524	5.479	5.049
1970	5.595	5.589	5.567	5.524	5.493	5.161
1971	6.091	6.085	6.06	6.032	6.003	5.54
1972	5.685	5.68	5.659	5.623	5.593	5.317
1973	6.305	6.298	6.269	6.208	6.16	5.716
1974	6.465	6.458	6.431	6.373	6.333	5.935
1975	6.825	6.818	6.798	6.744	6.695	6.215
1976	7.558	7.551	7.53	7.495	7.457	6.873
1977	8.352	8.343	8.305	8.234	8.193	7.531
1978	9.861	9.851	9.809	9.753	9.709	8.844
1979	9.38	9.371	9.332	9.241	9.172	8.693
1980	9.713	9.703	9.671	9.588	9.538	8.935
1981	9.117	9.108	9.084	9.022	8.958	8.473
1982	8.301	8.294	8.264	8.219	8.18	7.786
1983	8.468	8.46	8.432	8.356	8.296	7.713
1984	7.504	7.497	7.466	7.422	7.387	7.021
1985	7.073	7.066	7.034	6.964	6.92	6.563
1986	7.149	7.141	7.116	7.083	7.036	6.566
1987	6.609	6.602	6.572	6.501	6.45	6.145
1988	6.158	6.152	6.135	6.098	6.066	5.744
1989	5.872	5.865	5.836	5.798	5.765	5.447
1990	5.727	5.721	5.694	5.641	5.607	5.285

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	9.861	9.851	9.809	9.753	9.709	8.935
0.0645161290322581	9.713	9.703	9.671	9.588	9.538	8.844
0.0967741935483871	9.38	9.371	9.332	9.241	9.172	8.693
0.129032258064516	9.117	9.108	9.084	9.022	8.958	8.473
0.161290322580645	8.468	8.46	8.432	8.356	8.296	7.786
0.193548387096774	8.352	8.343	8.305	8.234	8.193	7.713
0.225806451612903	8.301	8.294	8.264	8.219	8.18	7.531
0.258064516129032	7.558	7.551	7.53	7.495	7.457	7.021
0.290322580645161	7.504	7.497	7.466	7.422	7.387	6.873
0.32258064516129	7.149	7.141	7.116	7.083	7.036	6.566
0.354838709677419	7.073	7.066	7.034	6.964	6.92	6.563
0.387096774193548	6.825	6.818	6.798	6.744	6.695	6.215
0.419354838709677	6.609	6.602	6.572	6.501	6.45	6.145
0.451612903225806	6.465	6.458	6.431	6.373	6.333	5.935
0.483870967741936	6.305	6.298	6.269	6.208	6.16	5.744
0.516129032258065	6.158	6.152	6.135	6.098	6.066	5.716
0.548387096774194	6.091	6.085	6.06	6.032	6.003	5.54
0.580645161290323	5.872	5.865	5.836	5.798	5.765	5.447
0.612903225806452	5.727	5.721	5.694	5.641	5.607	5.317
0.645161290322581	5.685	5.68	5.659	5.623	5.593	5.285
0.67741935483871	5.612	5.606	5.582	5.524	5.493	5.161
0.709677419354839	5.595	5.589	5.567	5.524	5.479	5.049
0.741935483870968	5.093	5.088	5.065	5.028	4.998	4.56
0.774193548387097	4.39	4.386	4.37	4.338	4.31	4.053
0.806451612903226	4.3	4.295	4.273	4.227	4.192	3.845
0.838709677419355	4	3.995	3.976	3.945	3.916	3.561
0.870967741935484	3.84	3.837	3.826	3.793	3.767	3.503
0.903225806451613	3.764	3.761	3.746	3.723	3.706	3.457
0.935483870967742	2.574	2.571	2.558	2.531	2.477	2.049
0.967741935483871	1.372	1.369	1.363	1.35	1.337	1.027
0.1	9.3537	9.3447	9.3072	9.2191	9.1506	8.671

Average of yearly averages: 5.75356666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Bean124TG
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	502	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.99	fraction	
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	20-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	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 Carot124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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	1.311	1.309	1.301	1.287	1.276	1.07
1962	2.867	2.863	2.854	2.835	2.814	2.485
1963	3.894	3.89	3.878	3.844	3.821	3.504
1964	4.375	4.371	4.355	4.333	4.308	3.994
1965	4.761	4.757	4.74	4.719	4.695	4.376
1966	5.336	5.331	5.31	5.277	5.257	4.896
1967	5.676	5.671	5.652	5.614	5.59	5.224
1968	5.994	5.988	5.972	5.934	5.911	5.52
1969	7.294	7.289	7.267	7.212	7.162	6.585
1970	7.289	7.281	7.251	7.198	7.164	6.708
1971	7.36	7.353	7.327	7.272	7.244	6.804
1972	7.343	7.336	7.315	7.281	7.24	6.785
1973	8.115	8.106	8.077	8.005	7.946	7.384
1974	8.088	8.08	8.047	7.976	7.933	7.446
1975	7.894	7.887	7.867	7.842	7.802	7.341
1976	8.659	8.651	8.619	8.548	8.488	7.864
1977	8.465	8.457	8.428	8.365	8.331	7.86
1978	9.025	9.015	8.972	8.883	8.824	8.247
1979	10.47	10.46	10.42	10.32	10.24	9.404
1980	10.46	10.45	10.41	10.32	10.25	9.575
1981	9.83	9.82	9.809	9.748	9.685	9.111
1982	12.56	12.54	12.5	12.39	12.3	11.19
1983	11.89	11.88	11.84	11.76	11.69	10.96
1984	10.91	10.9	10.88	10.81	10.74	10.1
1985	10.6	10.59	10.57	10.51	10.44	9.772
1986	11.21	11.2	11.15	11.03	10.95	10.16
1987	11.16	11.14	11.13	11.03	10.95	10.2
1988	10.3	10.29	10.27	10.19	10.12	9.502
1989	9.682	9.674	9.653	9.596	9.528	8.943
1990	10.65	10.64	10.6	10.5	10.42	9.594

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			12.56	12.54	12.5	12.39	12.3	11.19
0.0645161290322581			11.89	11.88	11.84	11.76	11.69	10.96
0.0967741935483871			11.21	11.2	11.15	11.03	10.95	10.2
0.129032258064516			11.16	11.14	11.13	11.03	10.95	10.16
0.161290322580645			10.91	10.9	10.88	10.81	10.74	10.1
0.193548387096774			10.65	10.64	10.6	10.51	10.44	9.772
0.225806451612903			10.6	10.59	10.57	10.5	10.42	9.594
0.258064516129032			10.47	10.46	10.42	10.32	10.25	9.575
0.290322580645161			10.46	10.45	10.41	10.32	10.24	9.502
0.32258064516129			10.3	10.29	10.27	10.19	10.12	9.404
0.354838709677419			9.83	9.82	9.809	9.748	9.685	9.111
0.387096774193548			9.682	9.674	9.653	9.596	9.528	8.943
0.419354838709677			9.025	9.015	8.972	8.883	8.824	8.247
0.451612903225806			8.659	8.651	8.619	8.548	8.488	7.864
0.483870967741936			8.465	8.457	8.428	8.365	8.331	7.86
0.516129032258065			8.115	8.106	8.077	8.005	7.946	7.446
0.548387096774194			8.088	8.08	8.047	7.976	7.933	7.384
0.580645161290323			7.894	7.887	7.867	7.842	7.802	7.341
0.612903225806452			7.36	7.353	7.327	7.281	7.244	6.804
0.645161290322581			7.343	7.336	7.315	7.272	7.24	6.785
0.67741935483871			7.294	7.289	7.267	7.212	7.164	6.708
0.709677419354839			7.289	7.281	7.251	7.198	7.162	6.585
0.741935483870968			5.994	5.988	5.972	5.934	5.911	5.52
0.774193548387097			5.676	5.671	5.652	5.614	5.59	5.224
0.806451612903226			5.336	5.331	5.31	5.277	5.257	4.896
0.838709677419355			4.761	4.757	4.74	4.719	4.695	4.376
0.870967741935484			4.375	4.371	4.355	4.333	4.308	3.994
0.903225806451613			3.894	3.89	3.878	3.844	3.821	3.504
0.935483870967742			2.867	2.863	2.854	2.835	2.814	2.485
0.967741935483871			1.311	1.309	1.301	1.287	1.276	1.07

0.1	11.205	11.194	11.148	11.03	10.95	10.196	
						Average of yearly averages:	7.42013333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Carot124TA
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	

```
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism     kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism   kbacs           days    Halfife
Aerobic Soil Metabolism        asm     315     days    Halfife
Hydrolysis:    pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.21    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.21    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 Carot124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    0.5076  0.5068  0.5035  0.5003  0.4962  0.4053
1962    1.414   1.412   1.405   1.394   1.385   1.207
1963    1.909   1.907   1.904   1.887   1.873   1.703
1964    1.871   1.869   1.863   1.857   1.849   1.741
1965    1.851   1.849   1.845   1.837   1.831   1.73
1966    2.082   2.08    2.07    2.05    2.044   1.924
1967    2.148   2.146   2.141   2.129   2.115   1.982
1968    2.252   2.25    2.243   2.225   2.209   2.067
1969    3.349   3.346   3.333   3.305   3.282   2.974
1970    3.208   3.205   3.193   3.17    3.148   2.963
1971    3.151   3.148   3.137   3.112   3.09    2.912
1972    2.964   2.962   2.952   2.941   2.925   2.766
1973    3.662   3.658   3.646   3.614   3.586   3.292
1974    3.548   3.545   3.531   3.501   3.477   3.268
1975    3.27    3.267   3.262   3.249   3.235   3.069
1976    3.97    3.966   3.95    3.915   3.887   3.539
1977    3.76    3.757   3.745   3.724   3.7     3.496
1978    4.302   4.297   4.276   4.233   4.199   3.889
1979    5.737   5.731   5.709   5.65    5.604   5.071
1980    5.74    5.735   5.712   5.664   5.624   5.244
1981    5.076   5.071   5.057   5.032   5.005   4.742
1982    7.861   7.851   7.826   7.758   7.699   6.88
1983    7.162   7.158   7.138   7.076   7.036   6.628
1984    6.194   6.188   6.177   6.144   6.118   5.784
1985    5.879   5.874   5.864   5.833   5.8     5.444
1986    6.498   6.49    6.459   6.392   6.342   5.848
1987    6.446   6.439   6.418   6.373   6.333   5.892
1988    5.576   5.571   5.559   5.524   5.501   5.196
1989    4.942   4.939   4.93    4.908   4.88    4.613
1990    5.929   5.923   5.898   5.847   5.804   5.287

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129      7.861   7.851   7.826   7.758   7.699   6.88
0.0645161290322581     7.162   7.158   7.138   7.076   7.036   6.628
0.0967741935483871     6.498   6.49    6.459   6.392   6.342   5.892
0.129032258064516      6.446   6.439   6.418   6.373   6.333   5.848
0.161290322580645      6.194   6.188   6.177   6.144   6.118   5.784
0.193548387096774      5.929   5.923   5.898   5.847   5.804   5.444
0.225806451612903      5.879   5.874   5.864   5.833   5.8     5.287
0.258064516129032      5.74    5.735   5.712   5.664   5.624   5.244
0.290322580645161      5.737   5.731   5.709   5.65    5.604   5.196
0.32258064516129       5.576   5.571   5.559   5.524   5.501   5.071
0.354838709677419      5.076   5.071   5.057   5.032   5.005   4.742
0.387096774193548      4.942   4.939   4.93    4.908   4.88    4.613
0.419354838709677      4.302   4.297   4.276   4.233   4.199   3.889
```

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0.451612903225806      3.97    3.966   3.95    3.915   3.887   3.539
0.483870967741936      3.76    3.757   3.745   3.724   3.7     3.496
0.516129032258065      3.662   3.658   3.646   3.614   3.586   3.292
0.548387096774194      3.548   3.545   3.531   3.501   3.477   3.268
0.580645161290323      3.349   3.346   3.333   3.305   3.282   3.069
0.612903225806452      3.27    3.267   3.262   3.249   3.235   2.974
0.645161290322581      3.208   3.205   3.193   3.17    3.148   2.963
0.67741935483871       3.151   3.148   3.137   3.112   3.09    2.912
0.709677419354839      2.964   2.962   2.952   2.941   2.925   2.766
0.741935483870968      2.252   2.25    2.243   2.225   2.209   2.067
0.774193548387097      2.148   2.146   2.141   2.129   2.115   1.982
0.806451612903226      2.082   2.08    2.07    2.05    2.044   1.924
0.838709677419355      1.909   1.907   1.904   1.887   1.873   1.741
0.870967741935484      1.871   1.869   1.863   1.857   1.849   1.73
0.903225806451613      1.851   1.849   1.845   1.837   1.831   1.703
0.935483870967742      1.414   1.412   1.405   1.394   1.385   1.207
0.967741935483871      0.5076  0.5068  0.5035  0.5003  0.4962  0.4053

0.1     6.4928  6.4849  6.4549  6.3901  6.3411  5.8876
                                        Average of yearly averages:   3.71854333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Carot124TG
Metfile:       w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd     Kd      0.719  mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.21    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
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.21    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 Pimen124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    2.901   2.898   2.883   2.405   2.014   0.5233
1962    10.26   10.24   10.17   10.03   9.415   4.35
1963    10.26   10.25   10.21   10.18   10.09   9.559
1964    11.15   11.14   11.11   11.03   10.71   9.786
1965    12.28   12.27   12.23   11.92   11.52   10.6
1966    13.55   13.54   13.49   13.1    12.63   11.69
1967    13.31   13.3    13.25   13.15   13.07   12.6
1968    12.77   12.76   12.73   12.63   12.55   12.12
1969    15.19   15.17   15.08   14.93   14.44   12.27
1970    14.57   14.55   14.5    14.37   14.27   13.7
1971    13.65   13.64   13.6    13.5    13.42   12.96
1972    16.95   16.92   16.83   16.67   16.19   13.27
1973    16.42   16.4    16.34   16.2    16.02   15.52
1974    16.02   16.01   15.96   15.84   15.75   15.1
1975    15.51   15.49   15.42   15.29   15.14   14.3
```

1976	14.98	14.97	14.93	14.82	14.73	14.22
1977	15.89	15.87	15.8	15.18	14.79	14.12
1978	15.61	15.6	15.53	15.4	15.29	14.65
1979	16.07	16.05	15.99	15.84	15.34	14.18
1980	16.4	16.39	16.33	15.44	15.28	14.79
1981	16.73	16.71	16.64	16.57	16.19	15.46
1982	17.53	17.51	17.43	17.34	16.85	15.79
1983	17.1	17.08	17.03	16.9	16.79	16.11
1984	16.97	16.96	16.92	16.84	16.59	15.57
1985	16.62	16.61	16.56	16.44	16.35	15.69
1986	15.81	15.8	15.74	15.6	15.49	14.81
1987	14.54	14.53	14.5	14.39	14.3	13.74
1988	13.81	13.8	13.76	13.65	13.56	12.99
1989	14.8	14.79	14.73	14.63	14.2	12.72
1990	14.56	14.55	14.5	14.39	14.31	13.69

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		17.53	17.51	17.43	17.34	16.85	16.11
0.0645161290322581		17.1	17.08	17.03	16.9	16.79	15.79
0.0967741935483871		16.97	16.96	16.92	16.84	16.59	15.69
0.129032258064516		16.95	16.92	16.83	16.67	16.35	15.57
0.161290322580645		16.73	16.71	16.64	16.57	16.19	15.52
0.193548387096774		16.62	16.61	16.56	16.44	16.19	15.46
0.225806451612903		16.42	16.4	16.34	16.2	16.02	15.1
0.258064516129032		16.4	16.39	16.33	15.84	15.75	14.81
0.290322580645161		16.07	16.05	15.99	15.84	15.49	14.79
0.32258064516129		16.02	16.01	15.96	15.6	15.34	14.65
0.354838709677419		15.89	15.87	15.8	15.44	15.29	14.3
0.387096774193548		15.81	15.8	15.74	15.4	15.28	14.22
0.419354838709677		15.61	15.6	15.53	15.29	15.14	14.18
0.451612903225806		15.51	15.49	15.42	15.18	14.79	14.12
0.483870967741936		15.19	15.17	15.08	14.93	14.73	13.74
0.516129032258065		14.98	14.97	14.93	14.82	14.44	13.7
0.548387096774194		14.8	14.79	14.73	14.63	14.31	13.69
0.580645161290323		14.57	14.55	14.5	14.39	14.3	13.27
0.612903225806452		14.56	14.55	14.5	14.39	14.27	12.99
0.645161290322581		14.54	14.53	14.5	14.37	14.2	12.96
0.67741935483871		13.81	13.8	13.76	13.65	13.56	12.72
0.709677419354839		13.65	13.64	13.6	13.5	13.42	12.6
0.741935483870968		13.55	13.54	13.49	13.15	13.07	12.27
0.774193548387097		13.31	13.3	13.25	13.1	12.63	12.12
0.806451612903226		12.77	12.76	12.73	12.63	12.55	11.69
0.838709677419355		12.28	12.27	12.23	11.92	11.52	10.6
0.870967741935484		11.15	11.14	11.11	11.03	10.71	9.786
0.903225806451613		10.26	10.25	10.21	10.18	10.09	9.559
0.935483870967742		10.26	10.24	10.17	10.03	9.415	4.35
0.967741935483871		2.901	2.898	2.883	2.405	2.014	0.5233

0.1	16.968	16.956	16.911	16.823	16.566	15.678

Average of yearly averages: 12.8959433333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Pimen124TA
Metfile: w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	14-09	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.

```
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 Pimen124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CARowCropRLF_V2.txt modified Wedday, 26 March 2008 at 10:38:52
EXAMS environment: pond298.exvmodified 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    1.905   1.902   1.892   1.387   1.007   0.2536
1962    8.581   8.565   8.504   8.381   7.784   3.233
1963    8.384   8.377   8.345   8.269   8.209   7.818
1964    8.086   8.079   8.061   8.01    7.688   7.347
1965    8.716   8.71    8.68    8.368   7.958   7.584
1966    9.572   9.563   9.53    9.13    8.643   8.2
1967    9.399   9.391   9.358   9.283   9.225   8.733
1968    8.471   8.466   8.442   8.381   8.328   7.889
1969    10.18   10.17   10.11   10      9.539   7.739
1970    9.757   9.748   9.709   9.622   9.554   9.02
1971    8.595   8.589   8.563   8.503   8.455   8.025
1972    11.43   11.41   11.34   11.23   10.78   8.157
1973    10.99   10.98   10.94   10.85   10.78   10.35
1974    10.55   10.54   10.5    10.43   10.37   9.783
1975    9.514   9.504   9.468   9.398   9.28    8.816
1976    9.2     9.193   9.164   9.098   9.047   8.627
1977    9.896   9.885   9.84    9.192   8.773   8.456
1978    9.731   9.721   9.682   9.597   9.529   8.991
1979    9.968   9.954   9.921   9.834   9.324   8.464
1980    10.41   10.4    10.36   9.543   9.48    9.092
1981    10.66   10.65   10.6    10.53   10.14   9.756
1982    11.38   11.37   11.32   11.28   10.78   10.06
1983    11.13   11.13   11.09   11      10.93   10.38
1984    10.96   10.95   10.92   10.83   10.61   9.885
1985    10.73   10.72   10.69   10.61   10.55   10
1986    9.848   9.839   9.803   9.717   9.649   9.08
1987    8.537   8.531   8.509   8.447   8.394   7.97
1988    7.808   7.802   7.776   7.715   7.664   7.23
1989    8.745   8.735   8.698   8.565   8.114   6.945
1990    8.594   8.587   8.557   8.491   8.439   7.943

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       11.43   11.41   11.34   11.28   10.93   10.38
0.0645161290322581      11.38   11.37   11.32   11.23   10.78   10.35
0.0967741935483871      11.13   11.13   11.09   11      10.78   10.06
0.129032258064516       10.99   10.98   10.94   10.85   10.78   10
0.161290322580645       10.96   10.95   10.92   10.83   10.61   9.885
0.193548387096774       10.73   10.72   10.69   10.61   10.55   9.783
0.225806451612903       10.66   10.65   10.6    10.53   10.37   9.756
0.258064516129032       10.55   10.54   10.5    10.43   10.14   9.092
0.290322580645161       10.41   10.4    10.36   10      9.649   9.08
0.32258064516129        10.18   10.17   10.11   9.834   9.554   9.02
0.354838709677419       9.968   9.954   9.921   9.717   9.539   8.991
0.387096774193548       9.896   9.885   9.84    9.622   9.529   8.816
0.419354838709677       9.848   9.839   9.803   9.597   9.48    8.733
0.451612903225806       9.757   9.748   9.709   9.543   9.324   8.627
0.483870967741936       9.731   9.721   9.682   9.398   9.28    8.464
0.516129032258065       9.572   9.563   9.53    9.283   9.225   8.456
0.548387096774194       9.514   9.504   9.468   9.192   9.047   8.2
0.580645161290323       9.399   9.391   9.358   9.13    8.773   8.157
0.612903225806452       9.2     9.193   9.164   9.098   8.643   8.025
0.645161290322581       8.745   8.735   8.698   8.565   8.455   7.97
0.67741935483871        8.716   8.71    8.68    8.503   8.439   7.943
0.709677419354839       8.595   8.589   8.563   8.491   8.394   7.889
0.741935483870968       8.594   8.587   8.557   8.447   8.328   7.818
0.774193548387097       8.581   8.565   8.509   8.381   8.209   7.739
0.806451612903226       8.537   8.531   8.504   8.381   8.114   7.584
0.838709677419355       8.471   8.466   8.442   8.368   7.958   7.347
0.870967741935484       8.384   8.377   8.345   8.269   7.784   7.23
0.903225806451613       8.086   8.079   8.061   8.01    7.688   6.945
```

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0.935483870967742      7.808   7.802   7.776   7.715   7.664   3.233
0.967741935483871      1.905   1.902   1.892   1.387   1.007   0.2536

0.1     11.116  11.115  11.075  10.985  10.78   10.054
                                        Average of yearly averages:   8.19422

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Pimen124TG
Metfile:        w23234.dvf
PRZM scenario: CARowCropRLF_V2.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.14    kg/ha
Application Efficiency:         APPEFF  0.99    fraction
Spray Drift     DRFT    0.01    fraction of application rate applied to pond
Application Date        Date    14-09   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        10      days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.14    kg/ha
Interval 2      interval        10      days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.14    kg/ha
Interval 3      interval        10      days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.14    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 StrawB124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAStrawberry-noplasticRLF_V2.txt   modified Wedday, 26 March 2008 at
10:39:14
EXAMS environment: pond298.exvmodified 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    4.858   4.854   4.836   4.37    4.095   2.911
1962    27.58   27.53   27.33   26.94   24.96   11.22
1963    31.27   31.23   31.09   30.95   30.78   28.81
1964    29.72   29.68   29.55   29.42   29.35   28.55
1965    30.74   30.71   30.59   30.46   30.32   29.21
1966    32.4    32.36   32.3    31.24   30.29   29.84
1967    36.81   36.77   36.61   36.53   36.43   34.3
1968    36.04   36.01   35.88   35.77   35.65   34.09
1969    37.14   37.09   36.9    36.61   35.92   34.27
1970    37.15   37.11   36.99   36.87   36.8    35.58
1971    35.86   35.82   35.68   35.57   35.47   34.1
1972    37.15   37.11   36.93   36.6    35.96   33.36
1973    37.33   37.29   37.15   37.04   36.95   35.83
1974    40.42   40.39   40.26   40.16   40      37.71
1975    40.14   40.1    39.98   39.86   39.69   37.98
1976    38.85   38.81   38.68   38.56   38.46   37
1977    39.03   38.99   38.86   38.77   38.69   37.02
1978    40.89   40.84   40.74   40.44   40.13   37.96
1979    38.03   37.99   37.87   37.75   37.62   36.5
1980    37.55   37.52   37.38   37.28   37.14   35.75
1981    37.88   37.85   37.69   37.48   37.38   36.25
1982    42.17   42.13   42.01   41.92   41.75   39.68
1983    44.27   44.23   44.1    43.76   43.48   41.4
1984    39.97   39.93   39.81   39.65   39.54   38.57
1985    38.71   38.68   38.55   38.46   38.34   37.01
1986    38.43   38.39   38.25   38.15   38.07   36.28
```

1987	35.57	35.53	35.4	35.3	35.21	34.06
1988	36.78	36.74	36.55	36.49	36.36	34.27
1989	34.66	34.62	34.49	34.36	34.28	33.3
1990	35.66	35.62	35.44	35.02	34.68	33.04

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			44.27	44.23	44.1	43.76	43.48	41.4
0.0645161290322581			42.17	42.13	42.01	41.92	41.75	39.68
0.0967741935483871			40.89	40.84	40.74	40.44	40.13	38.57
0.129032258064516			40.42	40.39	40.26	40.16	40	37.98
0.161290322580645			40.14	40.1	39.98	39.86	39.69	37.96
0.193548387096774			39.97	39.93	39.81	39.65	39.54	37.71
0.225806451612903			39.03	38.99	38.86	38.77	38.69	37.02
0.258064516129032			38.85	38.81	38.68	38.56	38.46	37.01
0.290322580645161			38.71	38.68	38.55	38.46	38.34	37
0.32258064516129			38.43	38.39	38.25	38.15	38.07	36.5
0.354838709677419			38.03	37.99	37.87	37.75	37.62	36.28
0.387096774193548			37.88	37.85	37.69	37.48	37.38	36.25
0.419354838709677			37.55	37.52	37.38	37.28	37.14	35.83
0.451612903225806			37.33	37.29	37.15	37.04	36.95	35.75
0.483870967741936			37.15	37.11	36.99	36.87	36.8	35.58
0.516129032258065			37.15	37.11	36.93	36.61	36.43	34.3
0.548387096774194			37.14	37.09	36.9	36.6	36.36	34.27
0.580645161290323			36.81	36.77	36.61	36.53	35.96	34.27
0.612903225806452			36.78	36.74	36.55	36.49	35.92	34.1
0.645161290322581			36.04	36.01	35.88	35.77	35.65	34.09
0.67741935483871			35.86	35.82	35.68	35.57	35.47	34.06
0.709677419354839			35.66	35.62	35.44	35.3	35.21	33.36
0.741935483870968			35.57	35.53	35.4	35.02	34.68	33.3
0.774193548387097			34.66	34.62	34.49	34.36	34.28	33.04
0.806451612903226			32.4	32.36	32.3	31.24	30.78	29.84
0.838709677419355			31.27	31.23	31.09	30.95	30.32	29.21
0.870967741935484			30.74	30.71	30.59	30.46	30.29	28.81
0.903225806451613			29.72	29.68	29.55	29.42	29.35	28.55
0.935483870967742			27.58	27.53	27.33	26.94	24.96	11.22
0.967741935483871			4.858	4.854	4.836	4.37	4.095	2.911
0.1	40.843	40.795	40.692	40.412	40.117	38.511		

Average of yearly averages: 33.1950333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: StrawB124TA
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.14	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.14	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 StrawB124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14
EXAMS environment: pond298.exvmodified 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	3.564	3.56	3.546	3.055	2.757	1.844
1962	25.9	25.85	25.65	25.26	23.21	9.128
1963	28.37	28.34	28.3	28.13	27.95	26.3
1964	25.73	25.7	25.63	25.54	25.5	25.06
1965	26.32	26.29	26.23	25.79	25.64	24.91
1966	27.56	27.53	27.49	26.38	25.54	24.86
1967	30.94	30.9	30.81	30.71	30.67	28.92
1968	29.9	29.88	29.79	29.65	29.54	28.25
1969	31.02	30.98	30.82	30.59	29.88	28.02
1970	30.6	30.57	30.48	30.3	30.16	29.1
1971	28.64	28.62	28.56	28.42	28.33	27.24
1972	30.24	30.21	30.05	29.78	29.13	26.22
1973	29.82	29.79	29.72	29.55	29.41	28.6
1974	32.85	32.82	32.72	32.5	32.28	30.37
1975	32.26	32.24	32.16	31.98	31.83	30.47
1976	30.88	30.86	30.78	30.67	30.55	29.31
1977	31.09	31.06	30.97	30.78	30.61	29.24
1978	32.66	32.63	32.5	32.17	31.9	30.19
1979	29.78	29.75	29.67	29.5	29.34	28.62
1980	29.23	29.2	29.13	28.99	28.93	27.83
1981	30.26	30.23	30.1	29.8	29.11	28.31
1982	34.07	34.05	33.95	33.72	33.49	31.82
1983	35.91	35.87	35.74	35.41	35.22	33.6
1984	32.34	32.32	32.21	31.96	31.83	30.76
1985	30.52	30.49	30.41	30.27	30.17	29.13
1986	30.35	30.32	30.22	30.03	29.87	28.36
1987	27.45	27.43	27.35	27.15	27.15	26.06
1988	28.33	28.29	28.15	28.03	27.96	26.34
1989	26.32	26.29	26.23	26.08	25.97	25.32
1990	27.07	27.04	26.9	26.58	26.32	25.04

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129			35.91	35.87	35.74	35.41	35.22	33.6
0.0645161290322581			34.07	34.05	33.95	33.72	33.49	31.82
0.0967741935483871			32.85	32.82	32.72	32.5	32.28	30.76
0.129032258064516			32.66	32.63	32.5	32.17	31.9	30.47
0.161290322580645			32.34	32.32	32.21	31.98	31.83	30.37
0.193548387096774			32.26	32.24	32.16	31.96	31.83	30.19
0.225806451612903			31.09	31.06	30.97	30.78	30.67	29.31
0.258064516129032			31.02	30.98	30.82	30.71	30.61	29.24
0.290322580645161			30.94	30.9	30.81	30.67	30.55	29.13
0.32258064516129			30.88	30.86	30.78	30.59	30.17	29.1
0.354838709677419			30.6	30.57	30.48	30.3	30.16	28.92
0.387096774193548			30.52	30.49	30.41	30.27	29.88	28.62
0.419354838709677			30.35	30.32	30.22	30.03	29.87	28.6
0.451612903225806			30.26	30.23	30.1	29.8	29.54	28.36
0.483870967741936			30.24	30.21	30.05	29.78	29.41	28.31
0.516129032258065			29.9	29.88	29.79	29.65	29.34	28.25
0.548387096774194			29.82	29.79	29.72	29.55	29.13	28.02
0.580645161290323			29.78	29.75	29.67	29.5	29.11	27.83
0.612903225806452			29.23	29.2	29.13	28.99	28.93	27.24
0.645161290322581			28.64	28.62	28.56	28.42	28.33	26.34
0.67741935483871			28.37	28.34	28.3	28.13	27.96	26.3
0.709677419354839			28.33	28.29	28.15	28.03	27.95	26.22
0.741935483870968			27.56	27.53	27.49	27.15	27.15	26.06
0.774193548387097			27.45	27.43	27.35	26.58	26.32	25.32
0.806451612903226			27.07	27.04	26.9	26.38	25.97	25.06
0.838709677419355			26.32	26.29	26.23	26.08	25.64	25.04
0.870967741935484			26.32	26.29	26.23	25.79	25.54	24.91
0.903225806451613			25.9	25.85	25.65	25.54	25.5	24.86
0.935483870967742			25.73	25.7	25.63	25.26	23.21	9.128
0.967741935483871			3.564	3.56	3.546	3.055	2.757	1.844

0.1	32.831	32.801	32.698	32.467	32.242	30.731

Average of yearly averages: 26.6407333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: StrawB124TG
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	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	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.14	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	0.14	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	0.14	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 Berry124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14
EXAMS environment: pond298.exvmodified 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	2.314	2.311	2.296	2.264	2.24	1.703
1962	5.567	5.558	5.523	5.455	5.205	3.474
1963	8.187	8.178	8.154	8.085	8.028	7.122
1964	8.213	8.205	8.171	8.095	8.05	7.578
1965	8.967	8.96	8.927	8.843	8.779	8.123
1966	8.318	8.31	8.275	8.206	8.156	7.875
1967	11.09	11.08	11.04	10.94	10.85	9.799
1968	11.75	11.73	11.68	11.57	11.49	10.68
1969	11.96	11.95	11.9	11.78	11.69	10.99
1970	11.39	11.38	11.34	11.26	11.2	10.66
1971	12.22	12.21	12.16	12.06	11.98	11.15
1972	11.06	11.05	11.01	10.95	10.9	10.53
1973	11.11	11.1	11.05	10.97	10.9	10.38
1974	13.46	13.45	13.39	13.25	13.15	11.98
1975	14.71	14.7	14.64	14.51	14.41	13.29
1976	13.84	13.83	13.79	13.71	13.64	12.94
1977	13.57	13.56	13.5	13.41	13.34	12.6
1978	13.42	13.41	13.38	13.27	13.18	12.44
1979	12.95	12.93	12.88	12.77	12.67	11.95
1980	12.53	12.52	12.47	12.35	12.27	11.63
1981	12.1	12.09	12.04	11.95	11.87	11.28
1982	14.72	14.7	14.66	14.52	14.4	13.02
1983	15.47	15.45	15.39	15.33	15.25	14.11
1984	13.7	13.69	13.65	13.58	13.51	12.93
1985	13.08	13.07	13.01	12.9	12.8	12.16
1986	12.94	12.92	12.87	12.78	12.71	11.94

1987	11.91	11.9	11.84	11.75	11.68	11.13
1988	12.16	12.15	12.09	11.97	11.88	11.07
1989	11.53	11.52	11.47	11.38	11.31	10.73
1990	10.82	10.81	10.76	10.63	10.53	10.16

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			15.47	15.45	15.39	15.33	15.25	14.11
0.0645161290322581			14.72	14.7	14.66	14.52	14.41	13.29
0.0967741935483871			14.71	14.7	14.64	14.51	14.4	13.02
0.129032258064516			13.84	13.83	13.79	13.71	13.64	12.94
0.161290322580645			13.7	13.69	13.65	13.58	13.51	12.93
0.193548387096774			13.57	13.56	13.5	13.41	13.34	12.6
0.225806451612903			13.46	13.45	13.39	13.27	13.18	12.44
0.258064516129032			13.42	13.41	13.38	13.25	13.15	12.16
0.290322580645161			13.08	13.07	13.01	12.9	12.8	11.98
0.32258064516129			12.95	12.93	12.88	12.78	12.71	11.95
0.354838709677419			12.94	12.92	12.87	12.77	12.67	11.94
0.387096774193548			12.53	12.52	12.47	12.35	12.27	11.63
0.419354838709677			12.22	12.21	12.16	12.06	11.98	11.28
0.451612903225806			12.16	12.15	12.09	11.97	11.88	11.15
0.483870967741936			12.1	12.09	12.04	11.95	11.87	11.13
0.516129032258065			11.96	11.95	11.9	11.78	11.69	11.07
0.548387096774194			11.91	11.9	11.84	11.75	11.68	10.99
0.580645161290323			11.75	11.73	11.68	11.57	11.49	10.73
0.612903225806452			11.53	11.52	11.47	11.38	11.31	10.68
0.645161290322581			11.39	11.38	11.34	11.26	11.2	10.66
0.67741935483871			11.11	11.1	11.05	10.97	10.9	10.53
0.709677419354839			11.09	11.08	11.04	10.95	10.9	10.38
0.741935483870968			11.06	11.05	11.01	10.94	10.85	10.16
0.774193548387097			10.82	10.81	10.76	10.63	10.53	9.799
0.806451612903226			8.967	8.96	8.927	8.843	8.779	8.123
0.838709677419355			8.318	8.31	8.275	8.206	8.156	7.875
0.870967741935484			8.213	8.205	8.171	8.095	8.05	7.578
0.903225806451613			8.187	8.178	8.154	8.085	8.028	7.122
0.935483870967742			5.567	5.558	5.523	5.455	5.205	3.474
0.967741935483871			2.314	2.311	2.296	2.264	2.24	1.703
0.1	14.623	14.613	14.555	14.43	14.324	13.012		

Average of yearly averages: 10.5141333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Berry124TA
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.07	kg/ha	
Application Efficiency:		APPEFF	0.95	fraction
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-03	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.07	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.07	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.07	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 Berry124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAStrawberry-noplasticRLF_V2.txt modified Wedday, 26 March 2008 at 10:39:14
EXAMS environment: pond298.exvmodified 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	1.84	1.837	1.825	1.8	1.781	1.351
1962	4.861	4.853	4.821	4.758	4.499	2.742
1963	7.085	7.077	7.053	6.997	6.943	6.161
1964	6.765	6.758	6.731	6.679	6.645	6.317
1965	7.276	7.271	7.246	7.178	7.125	6.608
1966	6.433	6.427	6.413	6.311	6.307	6.113
1967	9.035	9.025	8.998	8.91	8.837	7.927
1968	9.554	9.544	9.503	9.411	9.347	8.691
1969	9.632	9.622	9.584	9.493	9.417	8.876
1970	8.951	8.941	8.931	8.9	8.847	8.444
1971	9.696	9.687	9.662	9.578	9.519	8.852
1972	8.5	8.495	8.472	8.415	8.389	8.123
1973	8.376	8.369	8.356	8.293	8.235	7.897
1974	10.77	10.76	10.71	10.6	10.51	9.505
1975	12.02	12.01	11.96	11.84	11.77	10.81
1976	11.05	11.04	11.01	11	10.95	10.4
1977	10.75	10.74	10.73	10.65	10.58	10.01
1978	10.58	10.57	10.55	10.47	10.4	9.837
1979	10.05	10.04	10.01	9.918	9.839	9.311
1980	9.637	9.627	9.587	9.497	9.436	8.977
1981	9.156	9.147	9.13	9.064	9.005	8.6
1982	11.87	11.85	11.82	11.71	11.62	10.39
1983	12.63	12.61	12.59	12.55	12.48	11.52
1984	10.91	10.9	10.86	10.78	10.77	10.33
1985	10.18	10.17	10.14	10.05	9.97	9.52
1986	10.06	10.05	10.03	9.958	9.891	9.292
1987	8.96	8.952	8.935	8.88	8.829	8.448
1988	9.289	9.278	9.234	9.142	9.07	8.407
1989	8.59	8.581	8.562	8.502	8.443	8.052
1990	7.946	7.937	7.899	7.805	7.731	7.454

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			12.63	12.61	12.59	12.55	12.48	11.52
0.0645161290322581			12.02	12.01	11.96	11.84	11.77	10.81
0.0967741935483871			11.87	11.85	11.82	11.71	11.62	10.4
0.129032258064516			11.05	11.04	11.01	11	10.95	10.39
0.161290322580645			10.91	10.9	10.86	10.78	10.77	10.33
0.193548387096774			10.77	10.76	10.73	10.65	10.58	10.01
0.225806451612903			10.75	10.74	10.71	10.6	10.51	9.837
0.258064516129032			10.58	10.57	10.55	10.47	10.4	9.52
0.290322580645161			10.18	10.17	10.14	10.05	9.97	9.505
0.32258064516129			10.06	10.05	10.03	9.958	9.891	9.311
0.354838709677419			10.05	10.04	10.01	9.918	9.839	9.292
0.387096774193548			9.696	9.687	9.662	9.578	9.519	8.977
0.419354838709677			9.637	9.627	9.587	9.497	9.436	8.876
0.451612903225806			9.632	9.622	9.584	9.493	9.417	8.852
0.483870967741936			9.554	9.544	9.503	9.411	9.347	8.691
0.516129032258065			9.289	9.278	9.234	9.142	9.07	8.6
0.548387096774194			9.156	9.147	9.13	9.064	9.005	8.448
0.580645161290323			9.035	9.025	8.998	8.91	8.847	8.444
0.612903225806452			8.96	8.952	8.935	8.9	8.837	8.407
0.645161290322581			8.951	8.941	8.931	8.88	8.829	8.123
0.67741935483871			8.59	8.581	8.562	8.502	8.443	8.052
0.709677419354839			8.5	8.495	8.472	8.415	8.389	7.927
0.741935483870968			8.376	8.369	8.356	8.293	8.235	7.897
0.774193548387097			7.946	7.937	7.899	7.805	7.731	7.454
0.806451612903226			7.276	7.271	7.246	7.178	7.125	6.608
0.838709677419355			7.085	7.077	7.053	6.997	6.943	6.317
0.870967741935484			6.765	6.758	6.731	6.679	6.645	6.161
0.903225806451613			6.433	6.427	6.413	6.311	6.307	6.113
0.935483870967742			4.861	4.853	4.821	4.758	4.499	2.742
0.967741935483871			1.84	1.837	1.825	1.8	1.781	1.351
0.1	11.788	11.769	11.739	11.639	11.553	10.399		

Average of yearly averages: 8.29883333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:

Output File: Berry124TG
Metfile: w23234.dvf
PRZM scenario: CAStrawberry-noplasticRLF_V2.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.07	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	
Interval 1	interval	10	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.07	kg/ha	
Interval 2	interval	10	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.07	kg/ha	
Interval 3	interval	10	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.07	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 SugBeet124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAsugarbeet_WirrigOP.txt modified Thuday, 14 June 2007 at 11:21:20
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.08	2.078	2.064	2.049	2.028	1.52
1962	4.196	4.191	4.165	4.098	4.047	3.351
1963	8.344	8.332	8.302	8.209	8.123	6.662
1964	8.674	8.665	8.625	8.521	8.43	7.579
1965	12.3	12.28	12.22	12.1	11.98	10.27
1966	11.76	11.75	11.68	11.51	11.39	10.35
1967	12.78	12.77	12.75	12.64	12.52	11.13
1968	12.87	12.85	12.78	12.62	12.49	11.27
1969	14.01	13.99	13.91	13.71	13.53	12.09
1970	14.82	14.8	14.73	14.56	14.41	12.94
1971	15.72	15.7	15.62	15.42	15.23	13.9
1972	14.56	14.54	14.47	14.29	14.16	13.07
1973	15.1	15.08	15.01	14.82	14.63	13.12
1974	14.55	14.54	14.48	14.29	14.13	12.76
1975	13.52	13.51	13.46	13.31	13.19	12.05
1976	12.92	12.91	12.86	12.71	12.58	11.58
1977	12.85	12.84	12.78	12.61	12.49	11.27
1978	14.52	14.5	14.42	14.25	14.07	12.32
1979	13.41	13.4	13.34	13.18	13.04	11.77
1980	12.65	12.64	12.58	12.42	12.3	11.09
1981	13.18	13.17	13.1	12.97	12.83	11.33
1982	13.69	13.67	13.61	13.44	13.31	11.85
1983	14.73	14.71	14.64	14.49	14.34	12.71
1984	13.34	13.32	13.25	13.08	12.93	11.64
1985	12.24	12.23	12.17	11.99	11.86	10.69
1986	13.51	13.49	13.41	13.23	13.08	11.42
1987	13.53	13.52	13.44	13.29	13.27	12.03
1988	14.58	14.57	14.5	14.27	14.07	12.49
1989	16.31	16.29	16.19	15.95	15.75	13.83
1990	15.04	15.02	14.88	14.82	14.71	13.54

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129	16.31	16.29	16.19	15.95	15.75	13.9	

```
0.0645161290322581     15.72   15.7    15.62   15.42   15.23   13.83
0.0967741935483871     15.1    15.08   15.01   14.82   14.71   13.54
0.129032258064516      15.04   15.02   14.88   14.82   14.63   13.12
0.161290322580645      14.82   14.8    14.73   14.56   14.41   13.07
0.193548387096774      14.73   14.71   14.64   14.49   14.34   12.94
0.225806451612903      14.58   14.57   14.5    14.29   14.16   12.76
0.258064516129032      14.56   14.54   14.48   14.29   14.13   12.71
0.290322580645161      14.55   14.54   14.47   14.27   14.07   12.49
0.32258064516129       14.52   14.5    14.42   14.25   14.07   12.32
0.354838709677419      14.01   13.99   13.91   13.71   13.53   12.09
0.387096774193548      13.69   13.67   13.61   13.44   13.31   12.05
0.419354838709677      13.53   13.52   13.46   13.31   13.27   12.03
0.451612903225806      13.52   13.51   13.44   13.29   13.19   11.85
0.483870967741936      13.51   13.49   13.41   13.23   13.08   11.77
0.516129032258065      13.41   13.4    13.34   13.18   13.04   11.64
0.548387096774194      13.34   13.32   13.25   13.08   12.93   11.58
0.580645161290323      13.18   13.17   13.1    12.97   12.83   11.42
0.612903225806452      12.92   12.91   12.86   12.71   12.58   11.33
0.645161290322581      12.87   12.85   12.78   12.64   12.52   11.27
0.67741935483871       12.85   12.84   12.78   12.62   12.49   11.27
0.709677419354839      12.78   12.77   12.75   12.61   12.49   11.13
0.741935483870968      12.65   12.64   12.58   12.42   12.3    11.09
0.774193548387097      12.3    12.28   12.22   12.1    11.98   10.69
0.806451612903226      12.24   12.23   12.17   11.99   11.86   10.35
0.838709677419355      11.76   11.75   11.68   11.51   11.39   10.27
0.870967741935484      8.674   8.665   8.625   8.521   8.43    7.579
0.903225806451613      8.344   8.332   8.302   8.209   8.123   6.662
0.935483870967742      4.196   4.191   4.165   4.098   4.047   3.351
0.967741935483871      2.08    2.078   2.064   2.049   2.028   1.52

0.1     15.094  15.074  14.997  14.82   14.702  13.498
                                        Average of yearly averages:   11.0540666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: SugBeet124TA
Metfile:        w93193.dvf
PRZM scenario: CAsugarbeet_WirrigOP.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.21    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    fraction of application rate applied to pond
Application Date        Date    01-03   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.21    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.21    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.21    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 SugBeet124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CAsugarbeet_WirrigOP.txt   modified Thuday, 14 June 2007 at 11:21:20
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)
```

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.5871	0.5866	0.5844	0.508	0.4629	0.3474
1962	1.295	1.294	1.285	1.265	1.249	1.037
1963	4.645	4.638	4.628	4.57	4.512	3.519
1964	4.08	4.076	4.059	4.018	3.984	3.702
1965	7.25	7.239	7.215	7.129	7.067	5.91
1966	6.128	6.122	6.092	6.028	5.977	5.561
1967	6.952	6.948	6.921	6.873	6.798	6.054
1968	6.77	6.761	6.723	6.63	6.548	5.994
1969	7.718	7.707	7.665	7.55	7.45	6.6
1970	8.315	8.306	8.266	8.203	8.137	7.322
1971	9.247	9.236	9.187	9.079	8.967	8.185
1972	7.782	7.773	7.734	7.671	7.617	7.229
1973	8.263	8.255	8.218	8.117	8.013	7.213
1974	7.691	7.685	7.654	7.557	7.462	6.8
1975	6.566	6.561	6.536	6.484	6.432	5.98
1976	5.8	5.795	5.772	5.72	5.673	5.362
1977	5.613	5.608	5.581	5.513	5.472	5.011
1978	7.553	7.543	7.499	7.395	7.301	6.207
1979	6.4	6.393	6.363	6.291	6.235	5.715
1980	5.691	5.685	5.659	5.602	5.557	5.061
1981	6.241	6.233	6.201	6.177	6.118	5.385
1982	6.889	6.881	6.857	6.77	6.686	5.901
1983	7.86	7.851	7.811	7.747	7.672	6.752
1984	6.454	6.447	6.416	6.357	6.302	5.771
1985	5.444	5.439	5.413	5.35	5.302	4.882
1986	6.848	6.838	6.795	6.719	6.636	5.699
1987	7.168	7.154	7.096	6.94	6.87	6.338
1988	8.1	8.088	8.049	7.921	7.799	6.785
1989	9.754	9.741	9.677	9.535	9.423	8.168
1990	8.739	8.725	8.646	8.487	8.439	7.83

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			9.754	9.741	9.677	9.535	9.423	8.185
0.0645161290322581			9.247	9.236	9.187	9.079	8.967	8.168
0.0967741935483871			8.739	8.725	8.646	8.487	8.439	7.83
0.129032258064516			8.315	8.306	8.266	8.203	8.137	7.322
0.161290322580645			8.263	8.255	8.218	8.117	8.013	7.229
0.193548387096774			8.1	8.088	8.049	7.921	7.799	7.213
0.225806451612903			7.86	7.851	7.811	7.747	7.672	6.8
0.258064516129032			7.782	7.773	7.734	7.671	7.617	6.785
0.290322580645161			7.718	7.707	7.665	7.557	7.462	6.752
0.32258064516129			7.691	7.685	7.654	7.55	7.45	6.6
0.354838709677419			7.553	7.543	7.499	7.395	7.301	6.338
0.387096774193548			7.25	7.239	7.215	7.129	7.067	6.207
0.419354838709677			7.168	7.154	7.096	6.94	6.87	6.054
0.451612903225806			6.952	6.948	6.921	6.873	6.798	5.994
0.483870967741936			6.889	6.881	6.857	6.77	6.686	5.98
0.516129032258065			6.848	6.838	6.795	6.719	6.636	5.91
0.548387096774194			6.77	6.761	6.723	6.63	6.548	5.901
0.580645161290323			6.566	6.561	6.536	6.484	6.432	5.771
0.612903225806452			6.454	6.447	6.416	6.357	6.302	5.715
0.645161290322581			6.4	6.393	6.363	6.291	6.235	5.699
0.67741935483871			6.241	6.233	6.201	6.177	6.118	5.561
0.709677419354839			6.128	6.122	6.092	6.028	5.977	5.385
0.741935483870968			5.8	5.795	5.772	5.72	5.673	5.362
0.774193548387097			5.691	5.685	5.659	5.602	5.557	5.061
0.806451612903226			5.613	5.608	5.581	5.513	5.472	5.011
0.838709677419355			5.444	5.439	5.413	5.35	5.302	4.882
0.870967741935484			4.645	4.638	4.628	4.57	4.512	3.702
0.903225806451613			4.08	4.076	4.059	4.018	3.984	3.519
0.935483870967742			1.295	1.294	1.285	1.265	1.249	1.037
0.967741935483871			0.5871	0.5866	0.5844	0.508	0.4629	0.3474
0.1	8.6966	8.6831	8.608	8.4586	8.4088	7.7792		

Average of yearly averages: 5.74401333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: SugBeet124TG
Metfile: w93193.dvf
PRZM scenario: CAsugarbeet_WirrigOP.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	

```
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.21    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
Interval 1      interval        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.21    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.21    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.21    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 okra124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CAtomato_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:43:54
EXAMS environment: pond298.exvmodified 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    1.422   1.419   1.407   1.397   1.379   1.019
1962    2.798   2.793   2.773   2.728   2.692   2.231
1963    5.039   5.032   5.022   4.96    4.901   4.051
1964    5.365   5.359   5.33    5.262   5.201   4.663
1965    8.149   8.137   8.099   7.985   7.885   6.703
1966    7.755   7.745   7.695   7.577   7.499   6.824
1967    8.859   8.852   8.841   8.764   8.662   7.581
1968    8.991   8.978   8.926   8.801   8.688   7.819
1969    9.536   9.524   9.472   9.332   9.21    8.236
1970    10.21   10.2    10.15   10.03   9.923   8.879
1971    10.04   10.03   9.976   9.865   9.788   8.946
1972    9.306   9.294   9.244   9.124   9.042   8.306
1973    9.078   9.068   9.018   8.895   8.799   7.985
1974    8.794   8.783   8.741   8.624   8.525   7.73
1975    8.374   8.366   8.331   8.231   8.152   7.444
1976    8.115   8.106   8.068   7.965   7.888   7.235
1977    8.025   8.015   7.963   7.857   7.785   7.03
1978    9.687   9.674   9.62    9.499   9.375   8.076
1979    8.964   8.952   8.901   8.776   8.684   7.858
1980    8.445   8.435   8.387   8.275   8.2     7.419
1981    8.295   8.285   8.243   8.162   8.077   7.225
1982    9.239   9.227   9.203   9.091   8.978   7.886
1983    10.08   10.07   10.01   9.959   9.872   8.756
1984    9.157   9.146   9.097   8.973   8.87    8.022
1985    8.36    8.349   8.292   8.168   8.08    7.32
1986    8.267   8.256   8.207   8.089   8.002   7.161
1987    8.677   8.665   8.605   8.512   8.455   7.601
1988    8.567   8.558   8.514   8.397   8.306   7.488
1989    9.112   9.099   9.035   8.919   8.831   7.848
1990    8.475   8.462   8.406   8.373   8.326   7.599

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       10.21   10.2    10.15   10.03   9.923   8.946
0.0645161290322581      10.08   10.07   10.01   9.959   9.872   8.879
0.0967741935483871      10.04   10.03   9.976   9.865   9.788   8.756
0.129032258064516       9.687   9.674   9.62    9.499   9.375   8.306
0.161290322580645       9.536   9.524   9.472   9.332   9.21    8.236
0.193548387096774       9.306   9.294   9.244   9.124   9.042   8.076
0.225806451612903       9.239   9.227   9.203   9.091   8.978   8.022
0.258064516129032       9.157   9.146   9.097   8.973   8.87    7.985
0.290322580645161       9.112   9.099   9.035   8.919   8.831   7.886
0.32258064516129        9.078   9.068   9.018   8.895   8.799   7.858
0.354838709677419       8.991   8.978   8.926   8.801   8.688   7.848
```

```
0.387096774193548      8.964   8.952   8.901   8.776   8.684   7.819
0.419354838709677      8.859   8.852   8.841   8.764   8.662   7.73
0.451612903225806      8.794   8.783   8.741   8.624   8.525   7.601
0.483870967741936      8.677   8.665   8.605   8.512   8.455   7.599
0.516129032258065      8.567   8.558   8.514   8.397   8.326   7.581
0.548387096774194      8.475   8.462   8.406   8.373   8.306   7.488
0.580645161290323      8.445   8.435   8.387   8.275   8.2     7.444
0.612903225806452      8.374   8.366   8.331   8.231   8.152   7.419
0.645161290322581      8.36    8.349   8.292   8.168   8.08    7.32
0.67741935483871       8.295   8.285   8.243   8.162   8.077   7.235
0.709677419354839      8.267   8.256   8.207   8.089   8.002   7.225
0.741935483870968      8.149   8.137   8.099   7.985   7.888   7.161
0.774193548387097      8.115   8.106   8.068   7.965   7.885   7.03
0.806451612903226      8.025   8.015   7.963   7.857   7.785   6.824
0.838709677419355      7.755   7.745   7.695   7.577   7.499   6.703
0.870967741935484      5.365   5.359   5.33    5.262   5.201   4.663
0.903225806451613      5.039   5.032   5.022   4.96    4.901   4.051
0.935483870967742      2.798   2.793   2.773   2.728   2.692   2.231
0.967741935483871      1.422   1.419   1.407   1.397   1.379   1.019

0.1     10.0047 9.9944  9.9404  9.8284  9.7467  8.711
                                        Average of yearly averages:   7.09803333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: okra124TA
Metfile:       w93193.dvf
PRZM scenario: CAtomato_WirrigSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd     Kd      0.719   mg/L
Koc    Koc             mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.14    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-03   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval       10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval       10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval       10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 okraGrd.out
Chemical: Myclobutanil
PRZM environment: CAtomato_WirrigSTD.txt     modified Tueday, 29 May 2007 at 13:43:54
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w93193.dvf    modified Wedday, 3 July 2002 at 09:04:24
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    0.3534  0.3529  0.3509  0.3141  0.3095  0.2308
1962    0.7871  0.785   0.7757  0.757   0.7447  0.6061
1963    2.949   2.942   2.908   2.851   2.798   2.115
1964    2.426   2.423   2.407   2.377   2.354   2.152
1965    4.796   4.784   4.758   4.668   4.59    3.706
1966    3.78    3.773   3.744   3.707   3.674   3.367
1967    4.81    4.802   4.768   4.673   4.614   3.924
1968    4.588   4.578   4.541   4.454   4.378   3.896
1969    5.229   5.218   5.172   5.06    4.969   4.258
1970    5.068   5.06    5.032   4.996   4.949   4.368
```

1971	4.797	4.79	4.757	4.677	4.61	4.214
1972	3.871	3.865	3.84	3.805	3.774	3.479
1973	3.746	3.74	3.712	3.667	3.61	3.22
1974	3.476	3.47	3.447	3.39	3.337	2.997
1975	2.985	2.981	2.965	2.932	2.903	2.648
1976	2.683	2.679	2.662	2.63	2.604	2.396
1977	2.568	2.563	2.541	2.506	2.48	2.214
1978	4.639	4.627	4.58	4.478	4.394	3.476
1979	3.708	3.702	3.675	3.622	3.582	3.227
1980	3.313	3.308	3.283	3.248	3.217	2.866
1981	3.302	3.296	3.268	3.245	3.208	2.802
1982	4.285	4.276	4.238	4.174	4.104	3.428
1983	4.775	4.764	4.714	4.632	4.602	3.988
1984	3.743	3.737	3.713	3.677	3.643	3.282
1985	3.055	3.049	3.024	2.986	2.954	2.681
1986	3.363	3.356	3.327	3.288	3.24	2.781
1987	3.565	3.558	3.527	3.484	3.464	3.078
1988	3.434	3.428	3.406	3.336	3.277	2.894
1989	3.94	3.93	3.897	3.832	3.776	3.218
1990	3.245	3.238	3.209	3.189	3.173	2.918

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		5.229	5.218	5.172	5.06	4.969	4.368
0.0645161290322581		5.068	5.06	5.032	4.996	4.949	4.258
0.0967741935483871		4.81	4.802	4.768	4.677	4.614	4.214
0.129032258064516		4.797	4.79	4.758	4.673	4.61	3.988
0.161290322580645		4.796	4.784	4.757	4.668	4.602	3.924
0.193548387096774		4.775	4.764	4.714	4.632	4.59	3.896
0.225806451612903		4.639	4.627	4.58	4.478	4.394	3.706
0.258064516129032		4.588	4.578	4.541	4.454	4.378	3.479
0.290322580645161		4.285	4.276	4.238	4.174	4.104	3.476
0.32258064516129		3.94	3.93	3.897	3.832	3.776	3.428
0.354838709677419		3.871	3.865	3.84	3.805	3.774	3.367
0.387096774193548		3.78	3.773	3.744	3.707	3.674	3.282
0.419354838709677		3.746	3.74	3.713	3.677	3.643	3.227
0.451612903225806		3.743	3.737	3.712	3.667	3.61	3.22
0.483870967741936		3.708	3.702	3.675	3.622	3.582	3.218
0.516129032258065		3.565	3.558	3.527	3.484	3.464	3.078
0.548387096774194		3.476	3.47	3.447	3.39	3.337	2.997
0.580645161290323		3.434	3.428	3.406	3.336	3.277	2.918
0.612903225806452		3.363	3.356	3.327	3.288	3.24	2.894
0.645161290322581		3.313	3.308	3.283	3.248	3.217	2.866
0.67741935483871		3.302	3.296	3.268	3.245	3.208	2.802
0.709677419354839		3.245	3.238	3.209	3.189	3.173	2.781
0.741935483870968		3.055	3.049	3.024	2.986	2.954	2.681
0.774193548387097		2.985	2.981	2.965	2.932	2.903	2.648
0.806451612903226		2.949	2.942	2.908	2.851	2.798	2.396
0.838709677419355		2.683	2.679	2.662	2.63	2.604	2.214
0.870967741935484		2.568	2.563	2.541	2.506	2.48	2.152
0.903225806451613		2.426	2.423	2.407	2.377	2.354	2.115
0.935483870967742		0.7871	0.785	0.7757	0.757	0.7447	0.6061
0.967741935483871		0.3534	0.3529	0.3509	0.3141	0.3095	0.2308
0.1	4.8087	4.8008	4.767	4.6766	4.6136	4.1914	

Average of yearly averages: 3.01433

Inputs generated by pe5.pl - Novemeber 2006

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

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	2.39	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	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
Interval 1     interval        10      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.14    kg/ha
Interval 2     interval        10      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.14    kg/ha
Interval 3     interval        10      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.14    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 Turf124TA.out
Chemical: Myclobutanil+124T
PRZM environment: CATurfRLF.txt       modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    3.089   3.084   3.063   3.019   2.988   2.385
1962    7.451   7.442   7.405   7.334   7.276   6.345
1963    10.98   10.96   10.92   10.8    10.72   9.55
1964    11.24   11.23   11.19   11.1    11.02   10.33
1965    11.51   11.5    11.46   11.38   11.31   10.63
1966    12.19   12.18   12.13   12.01   11.92   11.18
1967    12.87   12.86   12.84   12.74   12.67   11.82
1968    14.56   14.54   14.48   14.34   14.23   13.13
1969    16.3    16.29   16.22   16.1    15.99   14.89
1970    16.69   16.67   16.62   16.47   16.37   15.3
1971    17.16   17.15   17.11   16.97   16.86   15.75
1972    16.54   16.52   16.45   16.3    16.21   15.32
1973    17.96   17.95   17.87   17.7    17.57   16.37
1974    18.64   18.62   18.58   18.44   18.34   17.12
1975    19.98   19.96   19.89   19.71   19.56   18.18
1976    21.11   21.09   21.01   20.84   20.73   19.26
1977    21.63   21.61   21.53   21.33   21.17   19.74
1978    22      21.97   21.87   21.68   21.53   20.17
1979    24.07   24.04   23.94   23.79   23.67   21.98
1980    23.98   23.96   23.88   23.69   23.55   22.14
1981    23.12   23.09   23.04   22.83   22.66   21.38
1982    25.86   25.84   25.77   25.57   25.45   23.63
1983    25.77   25.74   25.67   25.44   25.25   23.67
1984    23.38   23.35   23.25   23.07   22.94   21.71
1985    22.77   22.75   22.65   22.48   22.34   21.06
1986    23.82   23.79   23.68   23.44   23.27   21.74
1987    23.59   23.57   23.47   23.27   23.13   21.68
1988    21.55   21.53   21.44   21.26   21.13   20
1989    20.54   20.51   20.43   20.23   20.09   18.96
1990    20.73   20.71   20.63   20.44   20.32   18.99

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       25.86   25.84   25.77   25.57   25.45   23.67
0.0645161290322581      25.77   25.74   25.67   25.44   25.25   23.63
0.0967741935483871      24.07   24.04   23.94   23.79   23.67   22.14
0.129032258064516       23.98   23.96   23.88   23.69   23.55   21.98
0.161290322580645       23.82   23.79   23.68   23.44   23.27   21.74
0.193548387096774       23.59   23.57   23.47   23.27   23.13   21.71
0.225806451612903       23.38   23.35   23.25   23.07   22.94   21.68
0.258064516129032       23.12   23.09   23.04   22.83   22.66   21.38
0.290322580645161       22.77   22.75   22.65   22.48   22.34   21.06
0.32258064516129        22      21.97   21.87   21.68   21.53   20.17
0.354838709677419       21.63   21.61   21.53   21.33   21.17   20
0.387096774193548       21.55   21.53   21.44   21.26   21.13   19.74
0.419354838709677       21.11   21.09   21.01   20.84   20.73   19.26
0.451612903225806       20.73   20.71   20.63   20.44   20.32   18.99
0.483870967741936       20.54   20.51   20.43   20.23   20.09   18.96
0.516129032258065       19.98   19.96   19.89   19.71   19.56   18.18
0.548387096774194       18.64   18.62   18.58   18.44   18.34   17.12
0.580645161290323       17.96   17.95   17.87   17.7    17.57   16.37
0.612903225806452       17.16   17.15   17.11   16.97   16.86   15.75
0.645161290322581       16.69   16.67   16.62   16.47   16.37   15.32
0.67741935483871        16.54   16.52   16.45   16.3    16.21   15.3
0.709677419354839       16.3    16.29   16.22   16.1    15.99   14.89
```

```
0.741935483870968      14.56   14.54   14.48   14.34   14.23   13.13
0.774193548387097      12.87   12.86   12.84   12.74   12.67   11.82
0.806451612903226      12.19   12.18   12.13   12.01   11.92   11.18
0.838709677419355      11.51   11.5    11.46   11.38   11.31   10.63
0.870967741935484      11.24   11.23   11.19   11.1    11.02   10.33
0.903225806451613      10.98   10.96   10.92   10.8    10.72   9.55
0.935483870967742      7.451   7.442   7.405   7.334   7.276   6.345
0.967741935483871      3.089   3.084   3.063   3.019   2.988   2.385

0.1     24.061  24.032  23.934  23.78   23.658  22.124
                                        Average of yearly averages:   16.8136666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Turf124TA
Metfile:       w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt     288.8   g/mol
Henry's Law Const.     henry           atm-m^3/mol
Vapor Pressure vapr            torr
Solubility     sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life   kdp             days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7            days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI            cm
Application Rate:      TAPP    0.21    kg/ha
Application Efficiency:       APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-02   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        14      days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.21    kg/ha
Interval 2     interval        14      days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.21    kg/ha
Interval 3     interval        14      days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.21    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 Turf124TG.out
Chemical: Myclobutanil+124T
PRZM environment: CATurfRLF.txt       modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    1.482   1.479   1.469   1.448   1.433   1.123
1962    4.622   4.616   4.592   4.542   4.507   3.898
1963    7.106   7.098   7.068   6.994   6.936   6.099
1964    6.347   6.342   6.33    6.29    6.262   5.962
1965    5.777   5.772   5.758   5.736   5.714   5.455
1966    5.727   5.722   5.704   5.663   5.634   5.325
1967    5.917   5.912   5.894   5.849   5.806   5.418
1968    7.13    7.122   7.09    7.018   6.963   6.338
1969    8.502   8.494   8.459   8.419   8.37    7.757
1970    8.621   8.612   8.588   8.533   8.478   7.909
1971    8.808   8.8     8.789   8.728   8.671   8.072
1972    7.857   7.85    7.821   7.777   7.748   7.372
1973    9.155   9.146   9.107   9.014   8.942   8.272
1974    9.681   9.671   9.648   9.615   9.567   8.872
1975    10.92   10.91   10.87   10.77   10.69   9.799
1976    11.89   11.87   11.84   11.77   11.69   10.78
1977    12.36   12.34   12.29   12.18   12.09   11.19
1978    12.69   12.67   12.63   12.53   12.44   11.63
1979    14.84   14.82   14.76   14.66   14.61   13.46
1980    14.73   14.71   14.68   14.6    14.5    13.61
```

1981	13.78	13.77	13.73	13.61	13.51	12.78
1982	16.57	16.56	16.53	16.44	16.37	15.06
1983	16.42	16.41	16.37	16.22	16.1	15.1
1984	14.03	14.02	13.99	13.95	13.94	13.17
1985	13.45	13.44	13.39	13.26	13.19	12.47
1986	14.51	14.5	14.43	14.29	14.18	13.19
1987	14.25	14.24	14.2	14.14	14.07	13.14
1988	12.19	12.18	12.14	12.11	12.1	11.45
1989	11.15	11.14	11.09	10.98	10.91	10.35
1990	11.32	11.31	11.27	11.24	11.17	10.38

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly		
0.032258064516129			16.57	16.56	16.53	16.44	16.37	15.1
0.0645161290322581			16.42	16.41	16.37	16.22	16.1	15.06
0.0967741935483871			14.84	14.82	14.76	14.66	14.61	13.61
0.129032258064516			14.73	14.71	14.68	14.6	14.5	13.46
0.161290322580645			14.51	14.5	14.43	14.29	14.18	13.19
0.193548387096774			14.25	14.24	14.2	14.14	14.07	13.17
0.225806451612903			14.03	14.02	13.99	13.95	13.94	13.14
0.258064516129032			13.78	13.77	13.73	13.61	13.51	12.78
0.290322580645161			13.45	13.44	13.39	13.26	13.19	12.47
0.32258064516129			12.69	12.67	12.63	12.53	12.44	11.63
0.354838709677419			12.36	12.34	12.29	12.18	12.1	11.45
0.387096774193548			12.19	12.18	12.14	12.11	12.09	11.19
0.419354838709677			11.89	11.87	11.84	11.77	11.69	10.78
0.451612903225806			11.32	11.31	11.27	11.24	11.17	10.38
0.483870967741936			11.15	11.14	11.09	10.98	10.91	10.35
0.516129032258065			10.92	10.91	10.87	10.77	10.69	9.799
0.548387096774194			9.681	9.671	9.648	9.615	9.567	8.872
0.580645161290323			9.155	9.146	9.107	9.014	8.942	8.272
0.612903225806452			8.808	8.8	8.789	8.728	8.671	8.072
0.645161290322581			8.621	8.612	8.588	8.533	8.478	7.909
0.67741935483871			8.502	8.494	8.459	8.419	8.37	7.757
0.709677419354839			7.857	7.85	7.821	7.777	7.748	7.372
0.741935483870968			7.13	7.122	7.09	7.018	6.963	6.338
0.774193548387097			7.106	7.098	7.068	6.994	6.936	6.099
0.806451612903226			6.347	6.342	6.33	6.29	6.262	5.962
0.838709677419355			5.917	5.912	5.894	5.849	5.806	5.455
0.870967741935484			5.777	5.772	5.758	5.736	5.714	5.418
0.903225806451613			5.727	5.722	5.704	5.663	5.634	5.325
0.935483870967742			4.622	4.616	4.592	4.542	4.507	3.898
0.967741935483871			1.482	1.479	1.469	1.448	1.433	1.123

0.1	14.829	14.809	14.752	14.654	14.599	13.595

Average of yearly averages: 9.51436666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Turf124TG
Metfile: w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.21	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	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.21	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.21	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.21	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 Turf124TGRAN.out
Chemical: Myclobutanil+124t
PRZM environment: CATurfRLF.txt      modified Tueday, 20 February 2007 at 13:03:48
EXAMS environment: pond298.exvmodified 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    2.293   2.289   2.276   2.246   2.223   1.805
1962    9.822   9.809   9.758   9.651   9.605   8.147
1963    23.77   23.74   23.61   23.33   23.12   19.32
1964    20.47   20.45   20.39   20.26   20.15   18.95
1965    17.75   17.73   17.71   17.59   17.48   16.79
1966    18.55   18.53   18.48   18.36   18.25   17.06
1967    24.82   24.79   24.71   24.49   24.29   21.27
1968    29.54   29.5    29.38   29.13   28.91   26.31
1969    33.56   33.53   33.39   33.32   33.23   30.89
1970    34.42   34.38   34.25   34      33.76   31.37
1971    30.5    30.48   30.42   30.29   30.12   28.72
1972    26.64   26.63   26.56   26.39   26.24   24.6
1973    26.64   26.62   26.53   26.38   26.2    24.53
1974    34.81   34.77   34.61   34.25   33.98   30.79
1975    39.91   39.87   39.71   39.42   39.17   35.74
1976    41.77   41.73   41.56   41.28   41.01   38.01
1977    46.49   46.44   46.26   45.82   45.48   41.5
1978    46.6    46.55   46.36   45.86   45.48   42.62
1979    50.77   50.75   50.55   50.13   49.86   46.18
1980    50.31   50.27   50.1    49.82   49.51   46.49
1981    48.49   48.45   48.4    48.05   47.7    44.76
1982    74.66   74.57   74.22   73.5    72.91   65.64
1983    72.67   72.6    72.37   71.93   71.43   66.91
1984    62.12   62.07   61.87   61.43   61.08   57.08
1985    53.05   53.01   52.83   52.67   52.51   49.79
1986    55.04   54.97   54.72   54.23   53.83   50.21
1987    51.76   51.71   51.53   51.29   50.98   47.8
1988    45.77   45.73   45.55   45.07   44.68   42.7
1989    40.41   40.38   40.21   39.93   39.84   37.88
1990    43.53   43.49   43.32   42.92   42.6    39.25

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       74.66   74.57   74.22   73.5    72.91   66.91
0.0645161290322581      72.67   72.6    72.37   71.93   71.43   65.64
0.0967741935483871      62.12   62.07   61.87   61.43   61.08   57.08
0.129032258064516       55.04   54.97   54.72   54.23   53.83   50.21
0.161290322580645       53.05   53.01   52.83   52.67   52.51   49.79
0.193548387096774       51.76   51.71   51.53   51.29   50.98   47.8
0.225806451612903       50.77   50.75   50.55   50.13   49.86   46.49
0.258064516129032       50.31   50.27   50.1    49.82   49.51   46.18
0.290322580645161       48.49   48.45   48.4    48.05   47.7    44.76
0.32258064516129        46.6    46.55   46.36   45.86   45.48   42.7
0.354838709677419       46.49   46.44   46.26   45.82   45.48   42.62
0.387096774193548       45.77   45.73   45.55   45.07   44.68   41.5
0.419354838709677       43.53   43.49   43.32   42.92   42.6    39.25
0.451612903225806       41.77   41.73   41.56   41.28   41.01   38.01
0.483870967741936       40.41   40.38   40.21   39.93   39.84   37.88
0.516129032258065       39.91   39.87   39.71   39.42   39.17   35.74
0.548387096774194       34.81   34.77   34.61   34.25   33.98   31.37
0.580645161290323       34.42   34.38   34.25   34      33.76   30.89
0.612903225806452       33.56   33.53   33.39   33.32   33.23   30.79
0.645161290322581       30.5    30.48   30.42   30.29   30.12   28.72
0.67741935483871        29.54   29.5    29.38   29.13   28.91   26.31
0.709677419354839       26.64   26.63   26.56   26.39   26.24   24.6
0.741935483870968       26.64   26.62   26.53   26.38   26.2    24.53
0.774193548387097       24.82   24.79   24.71   24.49   24.29   21.27
0.806451612903226       23.77   23.74   23.61   23.33   23.12   19.32
0.838709677419355       20.47   20.45   20.39   20.26   20.15   18.95
0.870967741935484       18.55   18.53   18.48   18.36   18.25   17.06
0.903225806451613       17.75   17.73   17.71   17.59   17.48   16.79
0.935483870967742       9.822   9.809   9.758   9.651   9.605   8.147
0.967741935483871       2.293   2.289   2.276   2.246   2.223   1.805

0.1     61.412  61.36   61.155  60.71   60.355  56.393
```

Average of yearly averages: 35.1037333333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Turf124TGRAN
Metfile: w23234.dvf
PRZM scenario: CATurfRLF.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124t

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	1	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	1.51	kg/ha	
Application Efficiency:		APPEFF	1.00	fraction
Spray Drift	DRFT	0	fraction of application rate applied to pond	
Application Date	Date	01-02	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	1.51	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	1.51	kg/ha	
Interval 3	interval	14	days	Set to 0 or delete line for single app.
app. rate 3	apprate	1.51	kg/ha	
Interval 4	interval	14	days	Set to 0 or delete line for single app.
app. rate 4	apprate	1.51	kg/ha	
Interval 5	interval	14	days	Set to 0 or delete line for single app.
app. rate 5	apprate	1.51	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 hop124TA.out
Chemical: Myclobutanil+124T
PRZM environment: ORhopsSTD.txt modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	2.961	2.956	2.936	2.891	2.858	1.964
1962	5.922	5.914	5.883	5.812	5.754	4.652
1963	8.72	8.709	8.665	8.563	8.482	7.273
1964	10.2	10.19	10.14	10.04	9.944	8.972
1965	11.8	11.79	11.74	11.62	11.52	10.4
1966	12.78	12.77	12.71	12.58	12.46	11.43
1967	13.58	13.57	13.52	13.38	13.25	12.15
1968	14.14	14.12	14.07	13.94	13.82	12.77
1969	14.86	14.85	14.78	14.61	14.48	13.44
1970	15.41	15.4	15.34	15.18	15.04	13.95
1971	18.11	18.09	18.02	17.83	17.7	15.94
1972	18.91	18.89	18.8	18.67	18.55	17.2
1973	19.04	19.02	18.95	18.75	18.6	17.45
1974	18.98	18.96	18.89	18.71	18.57	17.39
1975	18.88	18.87	18.82	18.65	18.5	17.34
1976	18.93	18.92	18.85	18.67	18.53	17.39
1977	18.98	18.97	18.89	18.74	18.6	17.42
1978	19	18.98	18.91	18.81	18.65	17.42
1979	18.99	18.98	18.93	18.75	18.6	17.41
1980	19.65	19.64	19.56	19.37	19.23	17.86
1981	19.9	19.88	19.8	19.61	19.47	18.18
1982	19.95	19.94	19.86	19.65	19.49	18.24
1983	19.7	19.68	19.6	19.4	19.25	18.06
1984	20.49	20.46	20.38	20.18	20.04	18.58
1985	20.52	20.5	20.39	20.18	20.16	19.01
1986	20.61	20.59	20.55	20.36	20.2	18.98
1987	20.66	20.64	20.55	20.32	20.15	18.88

```
1988    20.48   20.46   20.38   20.18   20.02   18.76
1989    20.1    20.08   19.99   19.78   19.62   18.45
1990    19.93   19.91   19.83   19.66   19.49   18.22

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       20.66   20.64   20.55   20.36   20.2    19.01
0.0645161290322581      20.61   20.59   20.55   20.32   20.16   18.98
0.0967741935483871      20.52   20.5    20.39   20.18   20.15   18.88
0.129032258064516       20.49   20.46   20.38   20.18   20.04   18.76
0.161290322580645       20.48   20.46   20.38   20.18   20.02   18.58
0.193548387096774       20.1    20.08   19.99   19.78   19.62   18.45
0.225806451612903       19.95   19.94   19.86   19.66   19.49   18.24
0.258064516129032       19.93   19.91   19.83   19.65   19.49   18.22
0.290322580645161       19.9    19.88   19.8    19.61   19.47   18.18
0.32258064516129        19.7    19.68   19.6    19.4    19.25   18.06
0.354838709677419       19.65   19.64   19.56   19.37   19.23   17.86
0.387096774193548       19.04   19.02   18.95   18.81   18.65   17.45
0.419354838709677       19      18.98   18.93   18.75   18.6    17.42
0.451612903225806       18.99   18.98   18.91   18.75   18.6    17.42
0.483870967741936       18.98   18.97   18.89   18.74   18.6    17.41
0.516129032258065       18.98   18.96   18.89   18.71   18.57   17.39
0.548387096774194       18.93   18.92   18.85   18.67   18.55   17.39
0.580645161290323       18.91   18.89   18.82   18.67   18.53   17.34
0.612903225806452       18.88   18.87   18.8    18.65   18.5    17.2
0.645161290322581       18.11   18.09   18.02   17.83   17.7    15.94
0.67741935483871        15.41   15.4    15.34   15.18   15.04   13.95
0.709677419354839       14.86   14.85   14.78   14.61   14.48   13.44
0.741935483870968       14.14   14.12   14.07   13.94   13.82   12.77
0.774193548387097       13.58   13.57   13.52   13.38   13.25   12.15
0.806451612903226       12.78   12.77   12.71   12.58   12.46   11.43
0.838709677419355       11.8    11.79   11.74   11.62   11.52   10.4
0.870967741935484       10.2    10.19   10.14   10.04   9.944   8.972
0.903225806451613       8.72    8.709   8.665   8.563   8.482   7.273
0.935483870967742       5.922   5.914   5.883   5.812   5.754   4.652
0.967741935483871       2.961   2.956   2.936   2.891   2.858   1.964

0.1     20.517  20.496  20.389  20.18   20.139  18.868
                                        Average of yearly averages:   15.1727

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hop124TA
Metfile:        w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file:         pond298.exv
Chemical Name: Myclobutanil+124T
Description     Variable Name   Value   Units   Comments
Molecular weight        mwt     288.8   g/mol
Henry's Law Const.      henry           atm-m^3/mol
Vapor Pressure vapr             torr
Solubility      sol     142     mg/L
Kd      Kd      0.719   mg/L
Koc     Koc             mg/L
Photolysis half-life    kdp             days    Half-life
Aerobic Aquatic Metabolism      kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism    kbacs           days    Halfife
Aerobic Soil Metabolism         asm     315     days    Halfife
Hydrolysis:     pH 7            days    Half-life
Method: CAM     2       integer See PRZM manual
Incorporation Depth:    DEPI            cm
Application Rate:       TAPP    0.28    kg/ha
Application Efficiency:         APPEFF  0.95    fraction
Spray Drift     DRFT    0.05    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        7       days    Set to 0 or delete line for single app.
app. rate 1     apprate 0.28    kg/ha
Interval 2      interval        7       days    Set to 0 or delete line for single app.
app. rate 2     apprate 0.28    kg/ha
Interval 3      interval        7       days    Set to 0 or delete line for single app.
app. rate 3     apprate 0.28    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 hop124TG9.out
```

Chemical: Myclobutanil+124T
PRZM environment: ORhopsSTD.txt modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.9294	0.9281	0.9239	0.919	0.886	0.2511
1962	3.378	3.375	3.358	3.32	3.285	1.505
1963	4.887	4.882	4.864	4.826	4.673	3.529
1964	4.818	4.815	4.804	4.779	4.753	4.599
1965	5.255	5.251	5.234	5.214	5.166	4.691
1966	5.265	5.258	5.231	5.198	5.175	4.991
1967	5.292	5.287	5.267	5.227	5.2	4.939
1968	8.589	8.583	8.547	8.471	8.329	5.829
1969	15.62	15.6	15.55	15.46	15.37	10.06
1970	15.11	15.1	15.06	15.02	14.98	14.48
1971	19.54	19.51	19.43	19.32	19.23	15.74
1972	18.91	18.9	18.85	18.75	18.66	17.95
1973	17.63	17.62	17.58	17.49	17.42	16.92
1974	16.96	16.95	16.91	16.83	16.76	15.98
1975	15.39	15.38	15.35	15.26	15.2	14.52
1976	13.92	13.91	13.88	13.81	13.75	13.16
1977	12.6	12.59	12.57	12.5	12.45	12.06
1978	11.97	11.97	11.94	11.87	11.81	11.49
1979	17.33	17.3	17.24	17.11	16.25	12.51
1980	16.82	16.81	16.78	16.68	16.61	15.77
1981	17.93	17.92	17.85	17.75	17.66	15.1
1982	17.35	17.34	17.3	17.21	17.13	16.31
1983	15.53	15.52	15.48	15.39	15.31	14.59
1984	14.12	14.11	14.07	13.99	13.92	13.47
1985	13.39	13.39	13.36	13.31	13.25	12.76
1986	12.74	12.74	12.7	12.63	12.57	12.06
1987	11.76	11.76	11.73	11.67	11.62	11.12
1988	11.03	11.03	11	10.94	10.9	10.46
1989	10.33	10.32	10.3	10.25	10.21	9.872
1990	9.903	9.897	9.873	9.818	9.773	9.354

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	19.54	19.51	19.43	19.32	19.23	17.95
0.0645161290322581	18.91	18.9	18.85	18.75	18.66	16.92
0.0967741935483871	17.93	17.92	17.85	17.75	17.66	16.31
0.129032258064516	17.63	17.62	17.58	17.49	17.42	15.98
0.161290322580645	17.35	17.34	17.3	17.21	17.13	15.77
0.193548387096774	17.33	17.3	17.24	17.11	16.76	15.74
0.225806451612903	16.96	16.95	16.91	16.83	16.61	15.1
0.258064516129032	16.82	16.81	16.78	16.68	16.25	14.59
0.290322580645161	15.62	15.6	15.55	15.46	15.37	14.52
0.32258064516129	15.53	15.52	15.48	15.39	15.31	14.48
0.354838709677419	15.39	15.38	15.35	15.26	15.2	13.47
0.387096774193548	15.11	15.1	15.06	15.02	14.98	13.16
0.419354838709677	14.12	14.11	14.07	13.99	13.92	12.76
0.451612903225806	13.92	13.91	13.88	13.81	13.75	12.51
0.483870967741936	13.39	13.39	13.36	13.31	13.25	12.06
0.516129032258065	12.74	12.74	12.7	12.63	12.57	12.06
0.548387096774194	12.6	12.59	12.57	12.5	12.45	11.49
0.580645161290323	11.97	11.97	11.94	11.87	11.81	11.12
0.612903225806452	11.76	11.76	11.73	11.67	11.62	10.46
0.645161290322581	11.03	11.03	11	10.94	10.9	10.06
0.67741935483871	10.33	10.32	10.3	10.25	10.21	9.872
0.709677419354839	9.903	9.897	9.873	9.818	9.773	9.354
0.741935483870968	8.589	8.583	8.547	8.471	8.329	5.829
0.774193548387097	5.292	5.287	5.267	5.227	5.2	4.991
0.806451612903226	5.265	5.258	5.234	5.214	5.175	4.939
0.838709677419355	5.255	5.251	5.231	5.198	5.166	4.691
0.870967741935484	4.887	4.882	4.864	4.826	4.753	4.599
0.903225806451613	4.818	4.815	4.804	4.779	4.673	3.529
0.935483870967742	3.378	3.375	3.358	3.32	3.285	1.505
0.967741935483871	0.9294	0.9281	0.9239	0.919	0.886	0.2511

0.1	17.9	17.89	17.823	17.724	17.636	16.277

Average of yearly averages: 10.8690033333333

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hop124TG9
Metfile: w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file: pond298.exv

Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.28	kg/ha	
Application Efficiency:		APPEFF	0.99	fraction
Spray Drift	DRFT	0.01	fraction of application rate applied to pond	
Application Date	Date	01-09	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	7	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.28	kg/ha	
Interval 2	interval	7	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.28	kg/ha	
Interval 3	interval	7	days	Set to 0 or delete line for single app.
app. rate 3	apprate	0.28	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 hop124TG4.out
Chemical: Myclobutanil+124T
PRZM environment: ORhopsSTD.txt modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.7613	0.76	0.7547	0.7429	0.7337	0.4973
1962	1.916	1.913	1.902	1.878	1.858	1.434
1963	3.199	3.194	3.176	3.137	3.106	2.567
1964	3.268	3.265	3.252	3.22	3.193	2.975
1965	3.716	3.713	3.697	3.661	3.634	3.292
1966	3.715	3.712	3.696	3.659	3.63	3.398
1967	3.705	3.703	3.689	3.652	3.621	3.376
1968	3.661	3.658	3.644	3.626	3.6	3.372
1969	3.712	3.708	3.693	3.65	3.628	3.411
1970	3.742	3.739	3.725	3.686	3.656	3.424
1971	6.04	6.034	6.005	5.946	5.902	4.983
1972	6.603	6.596	6.564	6.485	6.416	5.905
1973	6.229	6.224	6.2	6.143	6.098	5.813
1974	5.867	5.863	5.842	5.791	5.749	5.465
1975	5.563	5.557	5.541	5.5	5.463	5.186
1976	5.33	5.326	5.307	5.259	5.225	4.964
1977	5.124	5.119	5.1	5.08	5.046	4.779
1978	5.164	5.159	5.137	5.08	5.049	4.729
1979	5.016	5.011	4.99	4.953	4.916	4.644
1980	5.619	5.613	5.589	5.535	5.499	5.016
1981	5.766	5.76	5.737	5.688	5.654	5.26
1982	5.705	5.701	5.679	5.625	5.579	5.24
1983	5.448	5.443	5.427	5.381	5.344	5.055
1984	6.332	6.325	6.296	6.23	6.172	5.568
1985	6.525	6.518	6.484	6.388	6.314	5.918
1986	6.275	6.268	6.241	6.192	6.146	5.845
1987	6.295	6.289	6.261	6.197	6.142	5.776
1988	6.151	6.145	6.121	6.064	6.016	5.674
1989	5.763	5.757	5.733	5.679	5.635	5.362
1990	5.639	5.633	5.609	5.552	5.505	5.172

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
0.032258064516129	6.603	6.596	6.564	6.485	6.416	5.918
0.0645161290322581	6.525	6.518	6.484	6.388	6.314	5.905
0.0967741935483871	6.332	6.325	6.296	6.23	6.172	5.845
0.129032258064516	6.295	6.289	6.261	6.197	6.146	5.813
0.161290322580645	6.275	6.268	6.241	6.192	6.142	5.776
0.193548387096774	6.229	6.224	6.2	6.143	6.098	5.674

```
0.225806451612903     6.151   6.145   6.121   6.064   6.016   5.568
0.258064516129032     6.04    6.034   6.005   5.946   5.902   5.465
0.290322580645161     5.867   5.863   5.842   5.791   5.749   5.362
0.32258064516129      5.766   5.76    5.737   5.688   5.654   5.26
0.354838709677419     5.763   5.757   5.733   5.679   5.635   5.24
0.387096774193548     5.705   5.701   5.679   5.625   5.579   5.186
0.419354838709677     5.639   5.633   5.609   5.552   5.505   5.172
0.451612903225806     5.619   5.613   5.589   5.535   5.499   5.055
0.483870967741936     5.563   5.557   5.541   5.5     5.463   5.016
0.516129032258065     5.448   5.443   5.427   5.381   5.344   4.983
0.548387096774194     5.33    5.326   5.307   5.259   5.225   4.964
0.580645161290323     5.164   5.159   5.137   5.08    5.049   4.779
0.612903225806452     5.124   5.119   5.1     5.08    5.046   4.729
0.645161290322581     5.016   5.011   4.99    4.953   4.916   4.644
0.67741935483871      3.742   3.739   3.725   3.686   3.656   3.424
0.709677419354839     3.716   3.713   3.697   3.661   3.634   3.411
0.741935483870968     3.715   3.712   3.696   3.659   3.63    3.398
0.774193548387097     3.712   3.708   3.693   3.652   3.628   3.376
0.806451612903226     3.705   3.703   3.689   3.65    3.621   3.372
0.838709677419355     3.661   3.658   3.644   3.626   3.6     3.292
0.870967741935484     3.268   3.265   3.252   3.22    3.193   2.975
0.903225806451613     3.199   3.194   3.176   3.137   3.106   2.567
0.935483870967742     1.916   1.913   1.902   1.878   1.858   1.434
0.967741935483871     0.7613  0.76    0.7547  0.7429  0.7337  0.4973

0.1     6.3283  6.3214  6.2925  6.2267  6.1694  5.8418
                                        Average of yearly averages:   4.47001

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hop124TG4
Metfile:       w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file:       pond298.exv
Chemical Name: Myclobutanil+124T
Description    Variable Name  Value   Units   Comments
Molecular weight       mwt    288.8   g/mol
Henry's Law Const.     henry          atm-m^3/mol
Vapor Pressure vapr           torr
Solubility     sol     142    mg/L
Kd      Kd      0.719  mg/L
Koc     Koc            mg/L
Photolysis half-life   kdp            days    Half-life
Aerobic Aquatic Metabolism    kbacw   630     days    Halfife
Anaerobic Aquatic Metabolism  kbacs           days    Halfife
Aerobic Soil Metabolism       asm     315     days    Halfife
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    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       7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval       7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval       7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    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 hopAir9.out
Chemical: Myclobutanil
PRZM environment: ORhopsSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    3.458   3.452   3.419   3.389   3.294   0.9735
1962    8.422   8.402   8.33    8.199   8.067   4.483
1963    12.26   12.25   12.21   12.09   11.6    8.592
1964    13.23   13.22   13.19   13.1    12.95   11.66
1965    14.81   14.79   14.72   14.61   14.39   12.84
```

1966	15.22	15.19	15.08	14.98	14.96	14.02
1967	15.91	15.89	15.81	15.71	15.65	14.4
1968	20.81	20.78	20.67	20.42	20.09	16.05
1969	26.05	26.02	25.89	25.73	25.58	20.69
1970	25.28	25.26	25.16	24.96	24.89	23.86
1971	28.14	28.12	28.01	27.81	27.7	24.61
1972	27.23	27.22	27.14	26.95	26.79	25.97
1973	26.85	26.82	26.68	26.42	26.25	25.31
1974	26.29	26.26	26.21	25.96	25.44	24.55
1975	25.83	25.81	25.74	25.56	25.31	24.58
1976	25.14	25.12	25.05	24.88	24.75	23.86
1977	23.66	23.62	23.51	23.41	23.35	22.59
1978	23.64	23.62	23.57	23.17	22.95	22
1979	28.89	28.85	28.72	28.44	27.57	23.52
1980	27.83	27.81	27.73	27.53	27.37	26.21
1981	30.53	30.48	30.32	29.99	29.77	25.78
1982	29.17	29.14	29.05	28.85	28.69	27.39
1983	26.74	26.71	26.61	26.37	26.19	25.3
1984	26.36	26.33	26.2	26.03	25.85	24.91
1985	25.63	25.6	25.54	25.45	25.21	24.42
1986	25.17	25.15	25.07	24.88	24.72	23.76
1987	23.59	23.57	23.51	23.35	23.22	22.38
1988	23.18	23.17	23.1	22.93	22.8	22.02
1989	23.04	23.01	22.93	22.82	22.56	21.48
1990	22.92	22.89	22.81	22.66	22.41	21.5

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129			30.53	30.48	30.32	29.99	29.77	27.39
0.0645161290322581			29.17	29.14	29.05	28.85	28.69	26.21
0.0967741935483871			28.89	28.85	28.72	28.44	27.7	25.97
0.129032258064516			28.14	28.12	28.01	27.81	27.57	25.78
0.161290322580645			27.83	27.81	27.73	27.53	27.37	25.31
0.193548387096774			27.23	27.22	27.14	26.95	26.79	25.3
0.225806451612903			26.85	26.82	26.68	26.42	26.25	24.91
0.258064516129032			26.74	26.71	26.61	26.37	26.19	24.61
0.290322580645161			26.36	26.33	26.21	26.03	25.85	24.58
0.32258064516129			26.29	26.26	26.2	25.96	25.58	24.55
0.354838709677419			26.05	26.02	25.89	25.73	25.44	24.42
0.387096774193548			25.83	25.81	25.74	25.56	25.31	23.86
0.419354838709677			25.63	25.6	25.54	25.45	25.21	23.86
0.451612903225806			25.28	25.26	25.16	24.96	24.89	23.76
0.483870967741936			25.17	25.15	25.07	24.88	24.75	23.52
0.516129032258065			25.14	25.12	25.05	24.88	24.72	22.59
0.548387096774194			23.66	23.62	23.57	23.41	23.35	22.38
0.580645161290323			23.64	23.62	23.51	23.35	23.22	22.02
0.612903225806452			23.59	23.57	23.51	23.17	22.95	22
0.645161290322581			23.18	23.17	23.1	22.93	22.8	21.5
0.67741935483871			23.04	23.01	22.93	22.82	22.56	21.48
0.709677419354839			22.92	22.89	22.81	22.66	22.41	20.69
0.741935483870968			20.81	20.78	20.67	20.42	20.09	16.05
0.774193548387097			15.91	15.89	15.81	15.71	15.65	14.4
0.806451612903226			15.22	15.19	15.08	14.98	14.96	14.02
0.838709677419355			14.81	14.79	14.72	14.61	14.39	12.84
0.870967741935484			13.23	13.22	13.19	13.1	12.95	11.66
0.903225806451613			12.26	12.25	12.21	12.09	11.6	8.592
0.935483870967742			8.422	8.402	8.33	8.199	8.067	4.483
0.967741935483871			3.458	3.452	3.419	3.389	3.294	0.9735
0.1	28.815	28.777	28.649	28.377	27.687	25.951	

Average of yearly averages: 20.3236166666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: hopAir9
Metfile: w24232.dvf
PRZM scenario: ORhopsSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr	1.49e-06	torr	
Solubility	sol	142	mg/L	
Kd	Kd	2.39	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	502	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	251	days	Halfife

```
Hydrolysis:    pH 7           days    Half-life
Method: CAM    2       integer See PRZM manual
Incorporation Depth:   DEPI           cm
Application Rate:      TAPP    0.28    kg/ha
Application Efficiency:        APPEFF  0.95    fraction
Spray Drift    DRFT    0.05    fraction of application rate applied to pond
Application Date       Date    01-09   dd/mm or dd/mmm or dd-mm or dd-mmm
Interval 1     interval        7       days    Set to 0 or delete line for single app.
app. rate 1    apprate 0.28    kg/ha
Interval 2     interval        7       days    Set to 0 or delete line for single app.
app. rate 2    apprate 0.28    kg/ha
Interval 3     interval        7       days    Set to 0 or delete line for single app.
app. rate 3    apprate 0.28    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 Mint124TA.out
Chemical: Myclobutanil+124T
PRZM environment: ORmintSTD.txt       modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf    modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year    Peak    96 hr   21 Day  60 Day  90 Day  Yearly
1961    1.152   1.15    1.146   1.139   1.125   0.5022
1962    2.502   2.5     2.492   2.47    2.453   1.635
1963    3.746   3.742   3.732   3.705   3.633   2.861
1964    4.378   4.371   4.344   4.287   4.251   3.87
1965    4.87    4.862   4.829   4.762   4.741   4.378
1966    5.313   5.304   5.269   5.201   5.167   4.807
1967    5.578   5.569   5.525   5.509   5.49    5.123
1968    6.669   6.661   6.624   6.552   6.506   5.756
1969    10.63   10.61   10.55   10.45   10.39   7.454
1970    10.54   10.53   10.48   10.44   10.4    10.04
1971    12.92   12.91   12.84   12.73   12.65   10.88
1972    12.4    12.39   12.34   12.27   12.22   12.04
1973    12.05   12.04   12.02   11.96   11.91   11.7
1974    11.52   11.51   11.44   11.35   11.3    11.12
1975    11.1    11.09   11.02   10.91   10.85   10.68
1976    10.62   10.61   10.55   10.44   10.38   10.17
1977    10.41   10.39   10.33   10.27   10.22   9.864
1978    10.08   10.07   10.02   9.952   9.894   9.687
1979    11.11   11.1    11.03   10.95   10.93   9.828
1980    10.86   10.85   10.79   10.67   10.6    10.43
1981    11.65   11.64   11.6    11.53   11.48   10.33
1982    11.36   11.34   11.27   11.2    11.15   10.96
1983    11.35   11.33   11.27   11.14   11.07   10.61
1984    11.12   11.11   11.07   11.03   11.01   10.65
1985    10.94   10.92   10.86   10.77   10.73   10.57
1986    10.56   10.55   10.47   10.34   10.3    10.13
1987    11.47   11.46   11.38   11.24   11.14   10.25
1988    10.89   10.87   10.8    10.69   10.64   10.5
1989    10.56   10.54   10.48   10.36   10.3    10.15
1990    10.11   10.09   10.02   9.895   9.85    9.69

Sorted results
Prob.   Peak    96 hr   21 Day  60 Day  90 Day  Yearly
0.032258064516129       12.92   12.91   12.84   12.73   12.65   12.04
0.0645161290322581      12.4    12.39   12.34   12.27   12.22   11.7
0.0967741935483871      12.05   12.04   12.02   11.96   11.91   11.12
0.129032258064516       11.65   11.64   11.6    11.53   11.48   10.96
0.161290322580645       11.52   11.51   11.44   11.35   11.3    10.88
0.193548387096774       11.47   11.46   11.38   11.24   11.15   10.68
0.225806451612903       11.36   11.34   11.27   11.2    11.14   10.65
0.258064516129032       11.35   11.33   11.27   11.14   11.07   10.61
0.290322580645161       11.12   11.11   11.07   11.03   11.01   10.57
0.32258064516129        11.11   11.1    11.03   10.95   10.93   10.5
0.354838709677419       11.1    11.09   11.02   10.91   10.85   10.43
0.387096774193548       10.94   10.92   10.86   10.77   10.73   10.33
0.419354838709677       10.89   10.87   10.8    10.69   10.64   10.25
0.451612903225806       10.86   10.85   10.79   10.67   10.6    10.17
0.483870967741936       10.63   10.61   10.55   10.45   10.4    10.15
0.516129032258065       10.62   10.61   10.55   10.44   10.39   10.13
0.548387096774194       10.56   10.55   10.48   10.44   10.38   10.04
```

0.580645161290323	10.56	10.54	10.48	10.36	10.3	9.864
0.612903225806452	10.54	10.53	10.47	10.34	10.3	9.828
0.645161290322581	10.41	10.39	10.33	10.27	10.22	9.69
0.67741935483871	10.11	10.09	10.02	9.952	9.894	9.687
0.709677419354839	10.08	10.07	10.02	9.895	9.85	7.454
0.741935483870968	6.669	6.661	6.624	6.552	6.506	5.756
0.774193548387097	5.578	5.569	5.525	5.509	5.49	5.123
0.806451612903226	5.313	5.304	5.269	5.201	5.167	4.807
0.838709677419355	4.87	4.862	4.829	4.762	4.741	4.378
0.870967741935484	4.378	4.371	4.344	4.287	4.251	3.87
0.903225806451613	3.746	3.742	3.732	3.705	3.633	2.861
0.935483870967742	2.502	2.5	2.492	2.47	2.453	1.635
0.967741935483871	1.152	1.15	1.146	1.139	1.125	0.5022

0.1	12.01	12	11.978	11.917	11.867	11.104	
					Average of yearly averages:		8.55550666666667

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Mint124TA
Metfile: w24232.dvf
PRZM scenario: ORmintSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd Kd	Kd	0.719	mg/L	
Koc Koc			mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	kg/ha	
Application Efficiency:	APPEFF	0.95	fraction	
Spray Drift	DRFT	0.05	fraction of application rate applied to pond	
Application Date	Date	01-07	dd/mm or dd/mmm or dd-mm or dd-mmm	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	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 Mint124TG.out
Chemical: Myclobutanil+124T
PRZM environment: ORmintSTD.txt modified Tueday, 29 May 2007 at 14:00:46
EXAMS environment: pond298.exvmodified Thuday, 29 August 2002 at 16:33:30
Metfile: w24232.dvf modified Wedday, 3 July 2002 at 09:06:10
Water segment concentrations (ppb)

Year	Peak	96 hr	21 Day	60 Day	90 Day	Yearly
1961	0.3927	0.3923	0.3905	0.389	0.3708	0.1404
1962	1.1	1.099	1.094	1.083	1.071	0.5882
1963	1.816	1.814	1.811	1.798	1.718	1.239
1964	1.855	1.854	1.851	1.843	1.81	1.755
1965	1.95	1.949	1.946	1.935	1.917	1.824
1966	1.964	1.961	1.948	1.93	1.928	1.889
1967	2.144	2.142	2.135	2.121	2.109	1.913
1968	2.91	2.905	2.888	2.857	2.836	2.316
1969	6.857	6.845	6.805	6.735	6.689	3.827
1970	6.567	6.56	6.531	6.518	6.499	6.308
1971	8.814	8.803	8.756	8.684	8.629	6.993
1972	8.396	8.392	8.373	8.328	8.29	8.041
1973	7.972	7.968	7.951	7.91	7.875	7.556
1974	7.204	7.201	7.187	7.153	7.123	6.835
1975	6.639	6.635	6.618	6.582	6.554	6.284
1976	5.947	5.944	5.931	5.901	5.878	5.648

1977	5.507	5.497	5.468	5.453	5.43	5.247
1978	5.293	5.29	5.277	5.247	5.222	5.042
1979	6.238	6.232	6.211	6.169	6.153	5.155
1980	6.075	6.072	6.06	6.029	6.002	5.742
1981	6.812	6.807	6.781	6.727	6.698	5.61
1982	6.59	6.587	6.571	6.536	6.507	6.238
1983	6.346	6.336	6.3	6.23	6.192	5.861
1984	6.232	6.227	6.204	6.167	6.136	5.901
1985	6.076	6.074	6.063	6.036	6.013	5.774
1986	5.578	5.575	5.561	5.529	5.502	5.298
1987	6.292	6.282	6.257	6.182	6.121	5.441
1988	5.992	5.989	5.976	5.944	5.918	5.701
1989	5.632	5.629	5.615	5.587	5.565	5.347
1990	5.157	5.154	5.142	5.114	5.09	4.881

Sorted results

Prob.	Peak	96 hr	21 Day	60 Day	90 Day	Yearly	
0.032258064516129		8.814	8.803	8.756	8.684	8.629	8.041
0.0645161290322581		8.396	8.392	8.373	8.328	8.29	7.556
0.0967741935483871		7.972	7.968	7.951	7.91	7.875	6.993
0.129032258064516		7.204	7.201	7.187	7.153	7.123	6.835
0.161290322580645		6.857	6.845	6.805	6.735	6.698	6.308
0.193548387096774		6.812	6.807	6.781	6.727	6.689	6.284
0.225806451612903		6.639	6.635	6.618	6.582	6.554	6.238
0.258064516129032		6.59	6.587	6.571	6.536	6.507	5.901
0.290322580645161		6.567	6.56	6.531	6.518	6.499	5.861
0.32258064516129		6.346	6.336	6.3	6.23	6.192	5.774
0.354838709677419		6.292	6.282	6.257	6.182	6.153	5.742
0.387096774193548		6.238	6.232	6.211	6.169	6.136	5.701
0.419354838709677		6.232	6.227	6.204	6.167	6.121	5.648
0.451612903225806		6.076	6.074	6.063	6.036	6.013	5.61
0.483870967741936		6.075	6.072	6.06	6.029	6.002	5.441
0.516129032258065		5.992	5.989	5.976	5.944	5.918	5.347
0.548387096774194		5.947	5.944	5.931	5.901	5.878	5.298
0.580645161290323		5.632	5.629	5.615	5.587	5.565	5.247
0.612903225806452		5.578	5.575	5.561	5.529	5.502	5.155
0.645161290322581		5.507	5.497	5.468	5.453	5.43	5.042
0.67741935483871		5.293	5.29	5.277	5.247	5.222	4.881
0.709677419354839		5.157	5.154	5.142	5.114	5.09	3.827
0.741935483870968		2.91	2.905	2.888	2.857	2.836	2.316
0.774193548387097		2.144	2.142	2.135	2.121	2.109	1.913
0.806451612903226		1.964	1.961	1.948	1.935	1.928	1.889
0.838709677419355		1.95	1.949	1.946	1.93	1.917	1.824
0.870967741935484		1.855	1.854	1.851	1.843	1.81	1.755
0.903225806451613		1.816	1.814	1.811	1.798	1.718	1.239
0.935483870967742		1.1	1.099	1.094	1.083	1.071	0.5882
0.967741935483871		0.3927	0.3923	0.3905	0.389	0.3708	0.1404
0.1	7.8952	7.8913	7.8746	7.8343	7.7998	6.9772	

Average of yearly averages: 4.67982

Inputs generated by pe5.pl - Novemeber 2006

Data used for this run:
Output File: Mint124TG
Metfile: w24232.dvf
PRZM scenario: ORmintSTD.txt
EXAMS environment file: pond298.exv
Chemical Name: Myclobutanil+124T

Description	Variable Name	Value	Units	Comments
Molecular weight	mwt	288.8	g/mol	
Henry's Law Const.	henry		atm-m^3/mol	
Vapor Pressure	vapr		torr	
Solubility	sol	142	mg/L	
Kd	Kd	0.719	mg/L	
Koc	Koc		mg/L	
Photolysis half-life	kdp		days	Half-life
Aerobic Aquatic Metabolism	kbacw	630	days	Halfife
Anaerobic Aquatic Metabolism	kbacs		days	Halfife
Aerobic Soil Metabolism	asm	315	days	Halfife
Hydrolysis:	pH 7		days	Half-life
Method: CAM	2	integer	See PRZM manual	
Incorporation Depth:	DEPI		cm	
Application Rate:	TAPP	0.14	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	
Interval 1	interval	14	days	Set to 0 or delete line for single app.
app. rate 1	apprate	0.14	kg/ha	
Interval 2	interval	14	days	Set to 0 or delete line for single app.
app. rate 2	apprate	0.14	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)
```