Appendix E

Normalized Beef and Milk Concentration Data

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Normalized Beef and Milk Concentration Data

This appendix presents the beef and milk concentration data, normalized for units: concentrations to mg/kg and intake rates to mg/d. In addition, the scores of each data point are also shown.

For the chemical intake rate data for each animal, the ranking system was implemented as follows:

1. The experiment reported a chemical intake rate (most preferred)
2. The chemical intake rate was calculated from the chemical intake rate reported on per-body-weight basis and the body weight (reported or default value).
3. The chemical intake rate was calculated using the chemical feed concentration reported and a feed intake rate (reported or default).

For beef and milk concentration data, the ranks for each data point are as follows:

1. The experiment reported concentrations of the same sample type (e.g., fat isolated muscle or whole milk).
2. The concentration was derived from a different sample type and a reported fat content.
3. The concentration was derived from a different sample type and a default fat content value.

The stage-of-concentration data are used to indicate whether the particular sample was taken during the uptake or depuration period in a study. The stages are indicated as follows:

- UP = uptake, during the dosing period
- LD = last day of the dosing period, or the day in the study nearest to this point
- DP = depuration period after the dosing has stopped.

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Akhtar et al., 1992

Journal of Environmental Science & Health. B27: 235

deltamethrin

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1a (288 mg/day / 1)				
4			0.30 / 2 / UP	0.0095 / 1 / UP
10			0.35 / 2 / UP	0.011 / 1 / UP
11			0.21 / 2 / UP	0.0065 / 1 / UP
18			0.43 / 2 / UP	0.014 / 1 / UP
25			0.063 / 2 / UP	0.002 / 1 / UP
28			0.32 / 2 / LD	0.01 / 1 / LD
29	0.042 / 1 / LD+1	0.0080 / 3 / LD+1	0.25 / 2 / DP	0.008 / 1 / DP
Animal ID 2a (288 mg/day / 1)				
32	0.037 / 1 / LD+4	0.0070 / 3 / LD+4		
Animal ID 3a (288 mg/day / 1)				
37	0.027 / 1 / LD+9	0.0051 / 3 / LD+9		
Animal ID 1b (1400 mg/day / 1)				
1			0.079 / 2 / UP	0.003 / 1 / UP
2			0.30 / 2 / UP	0.012 / 1 / UP
3			0.57 / 2 / UP	0.022 / 1 / UP
4			0.84 / 2 / UP	0.032 / 1 / UP
10			0.82 / 2 / UP	0.031 / 1 / UP
11			0.67 / 2 / UP	0.026 / 1 / UP
18			0.77 / 2 / UP	0.029 / 1 / UP
25			0.87 / 2 / UP	0.033 / 1 / UP
28			0.78 / 2 / LD	0.030 / 1 / LD
29	0.13 / 1 / LD+1	0.024 / 3 / LD+1	0.77 / 2 / DP	0.029 / 1 / DP
30			0.22 / 2 / DP	0.0085 / 1 / DP
31			0.13 / 2 / DP	0.005 / 1 / DP
Animal ID 2b (1400 mg/day / 1)				
32	0.089 / 1 / LD+4	0.017 / 3 / LD+4		
Animal ID 3b (1400 mg/day / 1)				
37	0.081 / 1 / LD+9	0.015 / 3 / LD+9		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Akhtar et al., 1986

Journal of Agricultural and Food Chemistry. 34: 758

deltamethrin

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5500 mg/day / 1)				
3			16 / 2 / LD	0.62 / 1 / LD
4	0.28 / 1 / LD+1	0.053 / 3 / LD+1		
4	0.4 / 1 / LD+1	0.076 / 3 / LD+1		
Animal ID 2 (5050 mg/day / 1)				
3			10 / 2 / LD	0.34 / 1 / LD
4	0.56 / 1 / LD+1	0.06 / 1 / LD+1		
4	0.54 / 1 / LD+1	0.09 / 1 / LD+1		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Arant, 1948

Journal of Economic Entomology. 41: 26

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (384 mg/day / 3)				
143	84 / 1 / LD	16 / 3 / LD		
Animal ID 2 (120 mg/day / 3)				
105	46 / 1 / LD	8.7 / 3 / LD		
Animal ID 3 (120 mg/day / 3)				
105	65 / 1 / LD	12 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Atallah et al., 1976

Journal of Agricultural and Food Chemistry. 24: 1007

methazole

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (11 mg/day / 1)				
1			0.025 / 3 / UP	0.001 / 1 / UP
2			0.025 / 3 / UP	0.001 / 1 / UP
3			0.05 / 3 / UP	0.002 / 1 / UP
7			0.05 / 3 / UP	0.002 / 1 / UP
10			0.05 / 3 / UP	0.002 / 1 / UP
14			0.05 / 3 / LD	0.002 / 1 / LD
Animal ID 2 (55 mg/day / 1)				
1			0.13 / 3 / UP	0.005 / 1 / UP
2			0.25 / 3 / UP	0.01 / 1 / UP
3			0.28 / 3 / UP	0.011 / 1 / UP
7			0.35 / 3 / UP	0.014 / 1 / UP
10			0.33 / 3 / UP	0.013 / 1 / UP
14			0.35 / 3 / LD	0.014 / 1 / LD
Animal ID 3 (220 mg/day / 1)				
1			0.5 / 3 / UP	0.02 / 1 / UP
2			0.80 / 3 / UP	0.032 / 1 / UP
3			0.98 / 3 / UP	0.039 / 1 / UP
7			0.98 / 3 / UP	0.039 / 1 / UP
10			1.1 / 3 / UP	0.045 / 1 / UP
14	0.018 / 1 / LD	0.007 / 1 / LD	0.95 / 3 / LD	0.038 / 1 / LD
14		0.011 / 1 / LD		
14		0.008 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Atallah et al., 1980

Journal of Agricultural and Food Chemistry. 28: 278

buthidazole

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (7 mg/day / 3)				
7			0.0052 / 3 / UP	2.1E-04 / 1 / UP
14			0.0063 / 3 / LD	2.5E-04 / 1 / LD
Animal ID 2 (35 mg/day / 3)				
7			0.014 / 3 / UP	5.7E-04 / 1 / UP
14			0.011 / 3 / LD	4.2E-04 / 1 / LD
Animal ID 4 (140 mg/day / 3)				
7			0.086 / 3 / UP	0.0034 / 1 / UP
14	0.0021 / 3 / LD	4.0E-04 / 1 / LD	0.073 / 3 / LD	0.0029 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bache et al., 1960

Journal of Agricultural and Food Chemistry. 8: 408

heptachlor epoxide

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 22 (8 mg/day / 3)				
1			0.13 / 1 / UP	0.0052 / 3 / UP
2			0.21 / 1 / UP	0.0084 / 3 / UP
3			0.25 / 1 / UP	0.01 / 3 / UP
4			0.36 / 1 / UP	0.014 / 3 / UP
5			0.38 / 1 / UP	0.015 / 3 / UP
7			0.35 / 1 / UP	0.014 / 3 / UP
14			0.29 / 1 / LD	0.012 / 3 / LD
16			0.3 / 1 / DP	0.012 / 3 / DP
18			0.19 / 1 / DP	0.0076 / 3 / DP
28			0.24 / 1 / DP	0.0096 / 3 / DP
Animal ID 30 (16 mg/day / 3)				
1			0.05 / 1 / UP	0.002 / 3 / UP
3			1.3 / 1 / UP	0.054 / 3 / UP
4			1.0 / 1 / UP	0.042 / 3 / UP
7			1.7 / 1 / UP	0.068 / 3 / UP
14			1.9 / 1 / LD	0.078 / 3 / LD
16			1.2 / 1 / DP	0.048 / 3 / DP
21			0.72 / 1 / DP	0.029 / 3 / DP
28			0.52 / 1 / DP	0.021 / 3 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Baldwin et al., 1976

Pesticide Science. 7: 575

endrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2 mg/day / 3)				
7			0.053 / 2 / UP	0.006 / 1 / UP
14			0.094 / 2 / UP	0.003 / 1 / UP
21	0.06 / 1 / LD	0.002 / 1 / LD		
21	0.07 / 1 / LD	0.002 / 1 / LD	0.037 / 2 / LD	0.003 / 1 / LD
Animal ID 2 (2 mg/day / 3)				
7			0.071 / 2 / UP	0.003 / 1 / UP
14			0.065 / 2 / UP	0.004 / 1 / UP
21	0.041 / 1 / LD	0.001 / 1 / LD	0.065 / 2 / LD	0.003 / 1 / LD
21	0.05 / 1 / LD	0.001 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bateman et al., 1953

Journal of Agricultural and Food Chemistry. 1: 322

toxaphene

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID E 220 (1171 mg/day / 3)				
5			38 / 2 / UP	1.3 / 1 / UP
8			44 / 2 / UP	1.5 / 1 / UP
13			341 / 2 / UP	11.6 / 1 / UP
19			8.8 / 2 / UP	0.3 / 1 / UP
22			53 / 2 / UP	1.8 / 1 / UP
29			215 / 2 / UP	7.3 / 1 / UP
35			8.8 / 2 / UP	0.3 / 1 / UP
42			109 / 2 / UP	3.7 / 1 / UP
50			53 / 2 / UP	1.8 / 1 / UP
56			24 / 2 / UP	0.8 / 1 / UP
63			53 / 2 / UP	1.8 / 1 / UP
70			62 / 2 / UP	2.1 / 1 / UP
77			32 / 2 / UP	1.1 / 1 / UP
84			24 / 2 / UP	0.8 / 1 / UP
91			47 / 2 / UP	1.6 / 1 / UP
98			91 / 2 / UP	3.1 / 1 / UP
105			76 / 2 / UP	2.6 / 1 / UP
112			32 / 2 / LD	1.1 / 1 / LD
Animal ID HU 187 (2846 mg/day / 3)				
5			36 / 2 / UP	1.3 / 1 / UP
8			64 / 2 / UP	2.3 / 1 / UP
13			322 / 2 / UP	11.6 / 1 / UP
19			78 / 2 / UP	2.8 / 1 / UP
22			147 / 2 / UP	5.3 / 1 / UP
29			50 / 2 / UP	1.8 / 1 / UP
35			197 / 2 / UP	7.1 / 1 / UP
42			78 / 2 / UP	2.8 / 1 / UP
50			50 / 2 / UP	1.8 / 1 / UP
56			92 / 2 / UP	3.3 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bateman et al., 1953

Journal of Agricultural and Food Chemistry. 1: 322

toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
63			97 / 2 / UP	3.5 / 1 / UP
70			81 / 2 / UP	2.9 / 1 / UP
77			125 / 2 / UP	4.5 / 1 / UP
84			233 / 2 / UP	8.4 / 1 / UP
91			158 / 2 / UP	5.7 / 1 / UP
98			72 / 2 / UP	2.6 / 1 / UP
105			122 / 2 / UP	4.4 / 1 / UP
112			131 / 2 / LD	4.7 / 1 / LD
Animal ID W 254 (4225 mg/day / 3)				
5			118 / 2 / UP	4.6 / 1 / UP
13			415 / 2 / UP	16.2 / 1 / UP
19			705 / 2 / UP	27.5 / 1 / UP
22			69 / 2 / UP	2.7 / 1 / UP
29			128 / 2 / UP	5 / 1 / UP
35			128 / 2 / UP	5 / 1 / UP
42			154 / 2 / UP	6 / 1 / UP
50			167 / 2 / UP	6.5 / 1 / UP
56			208 / 2 / UP	8.1 / 1 / UP
63			108 / 2 / UP	4.2 / 1 / UP
70			208 / 2 / UP	8.1 / 1 / UP
77			249 / 2 / UP	9.7 / 1 / UP
84			138 / 2 / UP	5.4 / 1 / UP
91			254 / 2 / UP	9.9 / 1 / UP
98			159 / 2 / UP	6.2 / 1 / UP
105			162 / 2 / UP	6.3 / 1 / UP
112			215 / 2 / LD	8.4 / 1 / LD
Animal ID HU 188 (6672 mg/day / 3)				
5			133 / 2 / UP	5.6 / 1 / UP
13			269 / 2 / UP	11.3 / 1 / UP
19			240 / 2 / UP	10.1 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bateman et al., 1953

Journal of Agricultural and Food Chemistry. 1: 322

toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
29			438 / 2 / UP	18.4 / 1 / UP
35			490 / 2 / UP	20.6 / 1 / UP
42			517 / 2 / UP	21.7 / 1 / UP
50			505 / 2 / UP	21.2 / 1 / UP
56			636 / 2 / UP	26.7 / 1 / UP
63			498 / 2 / UP	20.9 / 1 / UP
70			564 / 2 / UP	23.7 / 1 / UP
77			695 / 2 / UP	29.2 / 1 / UP
84			643 / 2 / UP	27 / 1 / UP
91			336 / 2 / UP	14.1 / 1 / UP
98			293 / 2 / UP	12.3 / 1 / UP
105			407 / 2 / UP	17.1 / 1 / UP
112			279 / 2 / LD	11.7 / 1 / LD
Animal ID HU 132 (1395 mg/day / 3)				
5			23 / 2 / UP	0.8 / 1 / UP
13			129 / 2 / UP	4.5 / 1 / UP
19			29 / 2 / UP	1 / 1 / UP
22			106 / 2 / UP	3.7 / 1 / UP
29			34 / 2 / UP	1.2 / 1 / UP
35			20 / 2 / UP	0.7 / 1 / UP
42			51 / 2 / UP	1.8 / 1 / UP
50			63 / 2 / UP	2.2 / 1 / UP
56			51 / 2 / UP	1.8 / 1 / UP
63			51 / 2 / UP	1.8 / 1 / UP
70			74 / 2 / UP	2.6 / 1 / UP
77			117 / 2 / UP	4.1 / 1 / UP
84			66 / 2 / UP	2.3 / 1 / UP
91			37 / 2 / UP	1.3 / 1 / UP
98			43 / 2 / UP	1.5 / 1 / UP
105			89 / 2 / UP	3.1 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bateman et al., 1953

Journal of Agricultural and Food Chemistry. 1: 322

toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
112			126 / 2 / LD	4.4 / 1 / LD
Animal ID A 145 (2551 mg/day / 3)				
5			65 / 2 / UP	2.2 / 1 / UP
8			5.9 / 2 / UP	0.2 / 1 / UP
13			391 / 2 / UP	13.3 / 1 / UP
19			109 / 2 / UP	3.7 / 1 / UP
29			103 / 2 / UP	3.5 / 1 / UP
35			50 / 2 / UP	1.7 / 1 / UP
42			88 / 2 / UP	3 / 1 / UP
50			82 / 2 / UP	2.8 / 1 / UP
56			238 / 2 / UP	8.1 / 1 / UP
63			100 / 2 / UP	3.4 / 1 / UP
70			100 / 2 / UP	3.4 / 1 / UP
77			85 / 2 / UP	2.9 / 1 / UP
84			109 / 2 / UP	3.7 / 1 / UP
91			100 / 2 / UP	3.4 / 1 / UP
98			94 / 2 / UP	3.2 / 1 / UP
112			115 / 2 / LD	3.9 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bjerke et al., 1972

Journal of Agricultural and Food Chemistry. 20: 963

2,4,5-T

Day	Beef fat	Beef tissue	Concentration in mg/kg Milk fat	Whole milk
Animal ID 36 (16329 mg/day / 3)				
2			7.8 / 3 / UP	0.31 / 1 / UP
5			11 / 3 / UP	0.44 / 1 / UP
9			10.5 / 3 / UP	0.42 / 1 / UP
12			9.3 / 3 / UP	0.37 / 1 / UP
16			5.8 / 3 / UP	0.23 / 1 / UP
17			8.3 / 3 / UP	0.33 / 1 / UP
18			12 / 3 / UP	0.49 / 1 / UP
19			8.3 / 3 / UP	0.33 / 1 / UP
20			5.8 / 3 / LD-1	0.23 / 1 / LD-1
22			1.8 / 3 / LD+1	0.07 / 1 / LD+1
Animal ID 7417 (16329 mg/day / 3)				
2			6.5 / 3 / UP	0.26 / 1 / UP
5			6.8 / 3 / UP	0.27 / 1 / UP
9			8 / 3 / UP	0.32 / 1 / UP
12			7.5 / 3 / UP	0.3 / 1 / UP
16			9.0 / 3 / UP	0.36 / 1 / UP
17			7 / 3 / UP	0.28 / 1 / UP
18			7.3 / 3 / UP	0.29 / 1 / UP
19			10 / 3 / UP	0.4 / 1 / UP
20			7 / 3 / LD-1	0.28 / 1 / LD-1
22			3 / 3 / LD+1	0.12 / 1 / LD+1
Animal ID 30 (16329 mg/day / 3)				
2			19.5 / 3 / UP	0.78 / 1 / UP
5			13.5 / 3 / UP	0.54 / 1 / UP
9			11 / 3 / UP	0.44 / 1 / UP
12			7.3 / 3 / UP	0.29 / 1 / UP
16			25 / 3 / UP	1 / 1 / UP
17			19 / 3 / UP	0.75 / 1 / UP
18			9.5 / 3 / UP	0.38 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bjerke et al., 1972

Journal of Agricultural and Food Chemistry. 20: 963

2,4,5-T

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
19			8.8 / 3 / UP	0.35 / 1 / UP
20			3 / 3 / LD-1	0.32 / 1 / LD-1
22			3 / 3 / LD+1	0.12 / 1 / LD+1
Animal ID CREAM (16329 mg/day / 3)				
16			0.91 / 2 / UP	0.41 / 1 / UP
17			0.56 / 2 / UP	0.25 / 1 / UP
18			0.38 / 2 / UP	0.17 / 1 / UP
19			0.6 / 2 / UP	0.27 / 1 / UP
20			0.47 / 2 / LD-1	0.21 / 1 / LD-1

2,4-D

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 22 (16329 mg/day / 3)				
3			1.3 / 3 / UP	0.05 / 1 / UP
17			1.3 / 3 / UP	0.05 / 1 / UP
18			1.3 / 3 / UP	0.05 / 1 / UP
19			1.3 / 3 / UP	0.05 / 1 / UP
20			1.5 / 3 / LD-1	0.06 / 1 / LD-1
Animal ID 7 (16329 mg/day / 3)				
3			1.5 / 3 / UP	0.06 / 1 / UP
10			2 / 3 / UP	0.08 / 1 / UP
17			2.8 / 3 / UP	0.11 / 1 / UP
18			3 / 3 / UP	0.12 / 1 / UP
19			2.3 / 3 / UP	0.09 / 1 / UP
20			3 / 3 / UP	0.12 / 1 / UP
21			1.8 / 3 / LD	0.07 / 1 / LD
Animal ID CREAM (16329 mg/day / 3)				
17			0.27 / 2 / UP	0.12 / 1 / UP
19			0.11 / 2 / UP	0.05 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bjerke et al., 1972

Journal of Agricultural and Food Chemistry. 20: 963

2,4-D

			Concentration in mg/kg	
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
20			0.13 / 2 / LD-1	0.06 / 1 / LD-1

fenoprop (silvex)

			Concentration in mg/kg	
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 96 (16329 mg/day / 3)				
3			1.5 / 3 / UP	0.06 / 1 / UP
6			1.5 / 3 / UP	0.06 / 1 / UP
10			1.8 / 3 / UP	0.07 / 1 / UP
13			1.3 / 3 / UP	0.05 / 1 / UP
17			2 / 3 / UP	0.08 / 1 / UP
18			2 / 3 / UP	0.08 / 1 / UP
19			1.3 / 3 / UP	0.05 / 1 / UP
20			3.8 / 3 / UP	0.15 / 1 / UP
21			2.8 / 3 / LD	0.11 / 1 / LD
Animal ID 90 (16329 mg/day / 3)				
3			1.3 / 3 / UP	0.05 / 1 / UP
6			3 / 3 / UP	0.12 / 1 / UP
10			1.5 / 3 / UP	0.06 / 1 / UP
13			2.3 / 3 / UP	0.09 / 1 / UP
17			2 / 3 / UP	0.08 / 1 / UP
18			1.5 / 3 / UP	0.06 / 1 / UP
19			2.8 / 3 / UP	0.11 / 1 / UP
20			3 / 3 / UP	0.12 / 1 / UP
21			2.3 / 3 / LD	0.09 / 1 / LD
Animal ID 9078 (16329 mg/day / 3)				
3			3 / 3 / UP	0.12 / 1 / UP
6			2.5 / 3 / UP	0.1 / 1 / UP
10			3.5 / 3 / UP	0.14 / 1 / UP
13			3.5 / 3 / UP	0.14 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bjerke et al., 1972

Journal of Agricultural and Food Chemistry. 20: 963

fenoprop (silvex)

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
17			4.5 / 3 / UP	0.18 / 1 / UP
18			4.5 / 3 / UP	0.18 / 1 / UP
19			3.5 / 3 / UP	0.14 / 1 / UP
20			4.8 / 3 / UP	0.19 / 1 / UP
21			5.8 / 3 / LD	0.23 / 1 / LD
Animal ID CREAM (16329 mg/day / 3)				
17			0.36 / 2 / UP	0.16 / 1 / UP
18			0.36 / 2 / UP	0.16 / 1 / UP
19			0.31 / 2 / UP	0.14 / 1 / UP
20			0.42 / 2 / UP	0.19 / 1 / UP
21			0.44 / 2 / LD	0.2 / 1 / LD

(2-methyl-4-chlorophenoxyacet

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 22 (16329 mg/day / 3)				
3			1.5 / 3 / UP	0.06 / 1 / UP
13			1.5 / 3 / LD-8	0.06 / 1 / LD-8
Animal ID 7 (16329 mg/day / 3)				
21			1.5 / 3 / LD	0.06 / 1 / LD
Animal ID 36 (16329 mg/day / 3)				
18			1.5 / 3 / UP	0.06 / 1 / UP
19			1.3 / 3 / UP	0.05 / 1 / UP
20			1.8 / 3 / LD-1	0.07 / 1 / LD-1

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bond et al., 1975

Bulletin of Environmental Contamination and Toxicology. 14: 25

mirex

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (0.16 mg/day / 3)				
7			0.5 / 3 / UP	0.02 / 1 / UP
56			0.25 / 3 / UP	0.01 / 1 / UP
112			0.5 / 3 / UP	0.02 / 1 / UP
140			0.25 / 3 / UP	0.01 / 1 / UP
168			0.5 / 3 / UP	0.02 / 1 / UP
196			0.25 / 3 / UP	0.01 / 1 / UP
217			0.25 / 3 / LD	0.01 / 1 / LD
Animal ID 2 (16 mg/day / 3)				
7			0.5 / 3 / UP	0.02 / 1 / UP
28			0.5 / 3 / UP	0.02 / 1 / UP
56			0.25 / 3 / UP	0.01 / 1 / UP
84			0.25 / 3 / UP	0.01 / 1 / UP
112			0.75 / 3 / UP	0.03 / 1 / UP
140			0.5 / 3 / UP	0.02 / 1 / UP
168			1.3 / 3 / UP	0.05 / 1 / UP
196			1.5 / 3 / UP	0.06 / 1 / UP
217			2 / 3 / LD	0.08 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Borzelleca et al., 1971

Toxicology and Applied Pharmacology. 18: 522

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.029 mg/day / 3)				
14	0.025 / 1 / UP	0.0048 / 3 / UP		
28			0.025 / 3 / LD-84	0.001 / 1 / LD-84
49	0.006 / 1 / UP	0.0011 / 3 / UP		
84	0.01 / 1 / LD-28	0.0019 / 3 / LD-28		
84	0.013 / 1 / LD-28	0.0025 / 3 / LD-28		
Animal ID 2 (0.29 mg/day / 3)				
14	0.01 / 1 / UP	0.0019 / 3 / UP	0.025 / 3 / UP	0.001 / 1 / UP
21			0.025 / 3 / UP	0.001 / 1 / UP
28	0.059 / 1 / UP	0.011 / 3 / UP	0.05 / 3 / UP	0.002 / 1 / UP
35			0.05 / 3 / UP	0.002 / 1 / UP
42			0.075 / 3 / UP	0.003 / 1 / UP
49	0.054 / 1 / UP	0.010 / 3 / UP	0.025 / 3 / UP	0.001 / 1 / UP
56	0.01 / 1 / UP	0.0019 / 3 / UP	0.075 / 3 / LD-56	0.003 / 1 / LD-56
84	0.046 / 1 / UP	0.0087 / 3 / UP		
84	0.03 / 1 / UP	0.0057 / 3 / UP		
112	0.10 / 1 / LD	0.019 / 3 / LD		
112	0.079 / 1 / LD	0.006 / 1 / LD		
Animal ID 3 (2.9 mg/day / 3)				
1			0.05 / 3 / UP	0.002 / 1 / UP
7	0.057 / 1 / UP	0.011 / 3 / UP	0.075 / 3 / UP	0.003 / 1 / UP
14	0.34 / 1 / UP	0.065 / 3 / UP	0.25 / 3 / UP	0.01 / 1 / UP
21			0.2 / 3 / UP	0.008 / 1 / UP
28	0.55 / 1 / UP	0.10 / 3 / UP	0.3 / 3 / UP	0.012 / 1 / UP
35			0.33 / 3 / UP	0.013 / 1 / UP
49	0.51 / 1 / UP	0.098 / 3 / UP	0.3 / 3 / UP	0.012 / 1 / UP
56	0.55 / 1 / UP	0.10 / 3 / UP	0.38 / 3 / LD-56	0.015 / 1 / LD-56
84	0.54 / 1 / UP	0.015 / 1 / UP		
84	0.70 / 1 / UP	0.13 / 3 / UP		
112	0.72 / 1 / LD	0.7 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Borzelleca et al., 1971

Toxicology and Applied Pharmacology. 18: 522

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
112	0.79 / 1 / LD	0.15 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bovard et al., 1961

Journal of Animal Science. 20: 824

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 8702 (824 mg/day / 3)				
1	4.4 / 1 / UP	0.84 / 3 / UP		
79	67 / 1 / LD-25	13 / 3 / LD-25		
274	29 / 1 / DP	5.5 / 3 / DP		
463	8.5 / 1 / DP	1.6 / 3 / DP		
711	7.2 / 1 / DP	1.4 / 3 / DP		
Animal ID 8706 (824 mg/day / 3)				
1	4 / 1 / UP	0.76 / 3 / UP		
79	87 / 1 / LD-25	17 / 3 / LD-25		
274	42 / 1 / DP	8.0 / 3 / DP		
463	13.5 / 1 / DP	2.6 / 3 / DP		
711	13 / 1 / DP	2.5 / 3 / DP		
Animal ID 8818 (824 mg/day / 3)				
1	3.3 / 1 / UP	0.63 / 3 / UP		
79	73 / 1 / LD-25	14 / 3 / LD-25		
274	26 / 1 / DP	4.9 / 3 / DP		
463	9.5 / 1 / DP	1.8 / 3 / DP		
711	8.1 / 1 / DP	1.5 / 3 / DP		
Animal ID 8701 (824 mg/day / 3)				
1	3.5 / 1 / UP	0.67 / 3 / UP		
23	36 / 1 / UP	6.8 / 3 / UP		
184	35 / 1 / LD+80	6.7 / 3 / LD+80		
360	13.6 / 1 / DP	2.6 / 3 / DP		
711	7.3 / 1 / DP	1.4 / 3 / DP		
Animal ID 8705 (824 mg/day / 3)				
1	4.2 / 1 / UP	0.80 / 3 / UP		
23	61 / 1 / UP	12 / 3 / UP		
184	61 / 1 / LD+80	12 / 3 / LD+80		
360	16.6 / 1 / DP	3.2 / 3 / DP		
560	8.5 / 1 / DP	1.6 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bovard et al., 1961

Journal of Animal Science. 20: 824

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 8710 (824 mg/day / 3)				
1	3.8 / 1 / UP	0.72 / 3 / UP		
23	51 / 1 / UP	9.7 / 3 / UP		
184	53 / 1 / LD+80	10 / 3 / LD+80		
360	17 / 1 / DP	3.2 / 3 / DP		
613	7.8 / 1 / DP	1.5 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Boyer et al., 1992

Journal of Agricultural and Food Chemistry. 40: 914

fenvalerate

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (69 mg/day / 2)				
6			0.05 / 3 / UP	0.002 / 1 / UP
9			0.05 / 3 / UP	0.002 / 1 / UP
12			0.025 / 3 / UP	0.001 / 1 / UP
15			0.05 / 3 / UP	0.002 / 1 / UP
18			0.05 / 3 / UP	0.002 / 1 / UP
21	0.01 / 1 / LD	0.0019 / 3 / LD	0.05 / 3 / LD	0.002 / 1 / LD
Animal ID 2 (5863 mg/day / 2)				
1			0.5 / 3 / UP	0.02 / 1 / UP
3			1.8 / 3 / UP	0.07 / 1 / UP
6			2.3 / 3 / UP	0.09 / 1 / UP
9			1.8 / 3 / UP	0.07 / 1 / UP
12			2 / 3 / UP	0.08 / 1 / UP
15			2 / 3 / UP	0.08 / 1 / UP
18			1.8 / 3 / UP	0.07 / 1 / UP
21			2 / 3 / UP	0.08 / 1 / UP
24			1.5 / 3 / UP	0.06 / 1 / UP
27			1.5 / 3 / LD-1	0.06 / 1 / LD-1
28	0.74 / 1 / LD	0.05 / 1 / LD		
Animal ID 3 (42107 mg/day / 2)				
1			2.8 / 3 / UP	0.11 / 1 / UP
3			12 / 3 / UP	0.49 / 1 / UP
5			12 / 3 / UP	0.48 / 1 / UP
7			13 / 3 / UP	0.52 / 1 / UP
9			13 / 3 / UP	0.52 / 1 / UP
11			13 / 3 / UP	0.51 / 1 / UP
13			13 / 3 / UP	0.52 / 1 / UP
15			12.5 / 3 / UP	0.5 / 1 / UP
17			15 / 3 / UP	0.59 / 1 / UP
19			14 / 3 / UP	0.55 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Boyer et al., 1992

Journal of Agricultural and Food Chemistry. 40: 914

fenvalerate

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
21	2.6 / 1 / LD	0.3 / 1 / LD	12.5 / 3 / LD	0.5 / 1 / LD
22			7.8 / 3 / DP	0.31 / 1 / DP
23			3 / 3 / DP	0.12 / 1 / DP
24			1.5 / 3 / DP	0.06 / 1 / DP
31	2.5 / 1 / DP	0.16 / 1 / DP		
41	2.1 / 1 / DP	0.1 / 1 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Bruce et al., 1965

Journal of Agricultural and Food Chemistry. 13: 63

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (3.2 mg/day / 3)				
84			4.3 / 1 / LD	0.17 / 3 / LD
Animal ID 2 (8 mg/day / 3)				
84	7.1 / 1 / LD	1.3 / 3 / LD	11 / 1 / LD	0.45 / 3 / LD
Animal ID 3 (24 mg/day / 3)				
84	14.7 / 1 / LD	2.8 / 3 / LD	21.7 / 1 / LD	0.87 / 3 / LD
Animal ID 4 (160 mg/day / 3)				
84	83.5 / 1 / LD	16 / 3 / LD	119.7 / 1 / LD	4.8 / 3 / LD
Animal ID (800 mg/day / 3)				
84	293.4 / 1 / LD	56 / 3 / LD	460 / 1 / LD	18.4 / 3 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

chlordane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (200 mg/day / 3)				
28	9 / 1 / UP	1.7 / 3 / UP		
56	18 / 1 / UP	3.4 / 3 / UP		
140	16 / 1 / LD+28	3.0 / 3 / LD+28		
168	5 / 1 / DP	0.95 / 3 / DP		
Animal ID 2 (200 mg/day / 3)				
28	16 / 1 / UP	3.0 / 3 / UP		
56	19 / 1 / UP	3.6 / 3 / UP		
140	11 / 1 / LD+28	2.1 / 3 / LD+28		
168	5 / 1 / DP	0.95 / 3 / DP		
Animal ID 3 (80 mg/day / 3)				
28	8 / 1 / UP	1.5 / 3 / UP		
56	12 / 1 / UP	2.3 / 3 / UP		
84	9 / 1 / LD-28	1.7 / 3 / LD-28		
Animal ID 4 (80 mg/day / 3)				
28	11 / 1 / UP	2.1 / 3 / UP		
56	15 / 1 / UP	2.9 / 3 / UP		
84	10 / 1 / UP	1.9 / 3 / UP		
112	9 / 1 / LD	1.7 / 3 / LD		
Animal ID 5 (80 mg/day / 3)				
28	12 / 1 / UP	2.3 / 3 / UP		
56	12 / 1 / UP	2.3 / 3 / UP		
84	10 / 1 / UP	1.9 / 3 / UP		
112	10 / 1 / LD	1.9 / 3 / LD		
Animal ID 6 (80 mg/day / 3)				
56	15 / 1 / UP	2.9 / 3 / UP		
84	11 / 1 / UP	2.1 / 3 / UP		
112	17 / 1 / LD	3.2 / 3 / LD		
Animal ID 7 (80 mg/day / 3)				
28	13 / 1 / UP	2.5 / 3 / UP		
56	11 / 1 / UP	2.1 / 3 / UP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

chlordane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
84	10 / 1 / UP	1.9 / 3 / UP		
112	9 / 1 / LD	1.7 / 3 / LD		

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (200 mg/day / 3)				
56	29 / 1 / UP	5.5 / 3 / UP		
112	38 / 1 / LD	7.2 / 3 / LD		
140	11 / 1 / DP	2.1 / 3 / DP		
280	4.5 / 1 / DP	0.86 / 3 / DP		
Animal ID 2 (200 mg/day / 3)				
28	28 / 1 / UP	5.3 / 3 / UP		
84	45 / 1 / UP	8.6 / 3 / UP		
112	38 / 1 / LD	7.2 / 3 / LD		
140	23 / 1 / DP	4.4 / 3 / DP		
224	7.3 / 1 / DP	1.4 / 3 / DP		
280	3.9 / 1 / DP	0.74 / 3 / DP		
Animal ID 3 (200 mg/day / 3)				
56	40 / 1 / UP	7.6 / 3 / UP		
112	46 / 1 / LD	8.7 / 3 / LD		
140	26 / 1 / DP	4.9 / 3 / DP		
224	12 / 1 / DP	2.3 / 3 / DP		
280	6.8 / 1 / DP	1.3 / 3 / DP		
Animal ID 4 (200 mg/day / 3)				
28	15 / 1 / UP	2.9 / 3 / UP		
84	39 / 1 / UP	7.4 / 3 / UP		
112	37 / 1 / LD	7.0 / 3 / LD		
140	16 / 1 / DP	3.0 / 3 / DP		
224	13.7 / 1 / DP	2.6 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
280	7.6 / 1 / DP	1.4 / 3 / DP		

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (200 mg/day / 3)				
28	70 / 1 / UP	13.3 / 3 / UP		
56	63 / 1 / LD	12 / 3 / LD		
140	68 / 1 / DP	13 / 3 / DP		
168	55 / 1 / DP	10 / 3 / DP		
252	25 / 1 / DP	4.8 / 3 / DP		
336	10 / 1 / DP	1.9 / 3 / DP		
Animal ID 2 (200 mg/day / 3)				
28	80 / 1 / UP	15.2 / 3 / UP		
56	86 / 1 / LD	16 / 3 / LD		
140	67 / 1 / DP	13 / 3 / DP		
168	36 / 1 / DP	6.8 / 3 / DP		
252	15 / 1 / DP	2.9 / 3 / DP		
336	9 / 1 / DP	1.7 / 3 / DP		
Animal ID 3 (80 mg/day / 3)				
56	29 / 1 / UP	5.5 / 3 / UP		
112	48 / 1 / LD	9.1 / 3 / LD		
140	29 / 1 / DP	5.5 / 3 / DP		
224	19 / 1 / DP	3.6 / 3 / DP		
280	9 / 1 / DP	1.7 / 3 / DP		
Animal ID 4 (80 mg/day / 3)				
28	18 / 1 / UP	3.4 / 3 / UP		
84	37 / 1 / UP	7.0 / 3 / UP		
112	45 / 1 / LD	8.6 / 3 / LD		
140	22 / 1 / DP	4.2 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
224	16 / 1 / DP	3.0 / 3 / DP		
280	8 / 1 / DP	1.5 / 3 / DP		
Animal ID 5 (80 mg/day / 3)				
56	22 / 1 / UP	4.2 / 3 / UP		
112	42 / 1 / LD	8.0 / 3 / LD		
140	13 / 1 / DP	2.5 / 3 / DP		
224	11 / 1 / DP	2.1 / 3 / DP		
280	5 / 1 / DP	0.95 / 3 / DP		
Animal ID 6 (80 mg/day / 3)				
28	14 / 1 / UP	2.7 / 3 / UP		
84	33 / 1 / UP	6.3 / 3 / UP		
112	39 / 1 / LD	7.4 / 3 / LD		
140	15 / 1 / DP	2.9 / 3 / DP		
224	13 / 1 / DP	2.5 / 3 / DP		
280	9 / 1 / DP	1.7 / 3 / DP		
Animal ID 7 (20 mg/day / 3)				
28	6.9 / 1 / UP	1.3 / 3 / UP		
84	9.4 / 1 / UP	1.8 / 3 / UP		
112	11.3 / 1 / LD	2.1 / 3 / LD		
140	5.2 / 1 / DP	0.99 / 3 / DP		
Animal ID 8 (20 mg/day / 3)				
56	13.4 / 1 / UP	2.5 / 3 / UP		
112	14.8 / 1 / LD	2.8 / 3 / LD		
140	7.3 / 1 / DP	1.4 / 3 / DP		
Animal ID 9 (20 mg/day / 3)				
28	7.1 / 1 / UP	1.3 / 3 / UP		
84	11.1 / 1 / UP	2.1 / 3 / UP		
112	12.3 / 1 / LD	2.3 / 3 / LD		
140	4.4 / 1 / DP	0.84 / 3 / DP		
Animal ID 10 (20 mg/day / 3)				
56	10.5 / 1 / UP	2.0 / 3 / UP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
112	18.9 / 1 / LD	3.6 / 3 / LD		
140	6 / 1 / DP	1.1 / 3 / DP		
Animal ID 11 (8 mg/day / 3)				
28	4.2 / 1 / UP	0.80 / 3 / UP		
84	6 / 1 / LD-28	1.1 / 3 / LD-28		
140	1.9 / 1 / LD+28	0.36 / 3 / LD+28		
Animal ID 12 (8 mg/day / 3)				
56	5.3 / 1 / UP	1.0 / 3 / UP		
112	5.5 / 1 / LD	1.0 / 3 / LD		
140	2.4 / 1 / DP	0.46 / 3 / DP		

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (200 mg/day / 3)				
56	79 / 1 / LD	15 / 3 / LD		
168	36 / 1 / DP	6.8 / 3 / DP		
Animal ID 2 (200 mg/day / 3)				
56	77 / 1 / LD	15 / 3 / LD		
140	56 / 1 / DP	11 / 3 / DP		
168	36 / 1 / DP	6.8 / 3 / DP		
252	21 / 1 / DP	4.0 / 3 / DP		
336	7 / 1 / DP	1.3 / 3 / DP		
Animal ID 3 (80 mg/day / 3)				
28	34 / 1 / UP	6.5 / 3 / UP		
56	46 / 1 / UP	8.7 / 3 / UP		
112	59 / 1 / LD	11 / 3 / LD		
Animal ID 4 (80 mg/day / 3)				
28	29 / 1 / UP	5.5 / 3 / UP		
56	48 / 1 / UP	9.1 / 3 / UP		
84	51 / 1 / UP	9.7 / 3 / UP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
112	58 / 1 / LD	11 / 3 / LD		
Animal ID 5 (80 mg/day / 3)				
28	30 / 1 / UP	5.7 / 3 / UP		
56	38 / 1 / UP	7.2 / 3 / UP		
84	41 / 1 / UP	7.8 / 3 / UP		
112	41 / 1 / LD	7.8 / 3 / LD		
Animal ID 6 (80 mg/day / 3)				
28	37 / 1 / UP	7.0 / 3 / UP		
56	35 / 1 / UP	6.7 / 3 / UP		
84	48 / 1 / UP	9.1 / 3 / UP		
112	52 / 1 / LD	9.9 / 3 / LD		
Animal ID 7 (80 mg/day / 3)				
28	36 / 1 / UP	6.8 / 3 / UP		
56	41 / 1 / UP	7.8 / 3 / UP		
84	41 / 1 / UP	7.8 / 3 / UP		
112	38 / 1 / LD	7.2 / 3 / LD		

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2 mg/day / 3)				
84	0.99 / 1 / LD	0.19 / 3 / LD		
Animal ID 2 (2 mg/day / 3)				
126	0.68 / 1 / LD+42	0.13 / 3 / LD+42		
Animal ID 3 (6 mg/day / 3)				
84	3.4 / 1 / LD	0.07 / 1 / LD		
Animal ID 4 (6 mg/day / 3)				
126	2.1 / 1 / LD+42	0.40 / 3 / LD+42		
Animal ID 5 (16 mg/day / 3)				
84	8.5 / 1 / LD	0.13 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 6 (16 mg/day / 3)				
84	5.1 / 1 / LD	0.12 / 1 / LD		
Animal ID 7 (80 mg/day / 3)				
84	39.2 / 1 / LD	0.72 / 1 / LD		
Animal ID 8 (80 mg/day / 3)				
84	17.8 / 1 / LD	0.17 / 1 / LD		

endrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (40 mg/day / 3)				
28	1.4 / 1 / UP	0.27 / 3 / UP		
84	2.5 / 1 / UP	0.48 / 3 / UP		
112	1.9 / 1 / LD	0.36 / 3 / LD		
Animal ID 2 (40 mg/day / 3)				
56	2.2 / 1 / LD-56	0.42 / 3 / LD-56		
Animal ID 3 (40 mg/day / 3)				
28	1.2 / 1 / UP	0.23 / 3 / UP		
84	2.4 / 1 / UP	0.46 / 3 / UP		
112	1.3 / 1 / LD	0.25 / 3 / LD		
Animal ID 4 (40 mg/day / 3)				
56	0.8 / 1 / UP	0.15 / 3 / UP		
112	3.6 / 1 / LD	0.68 / 3 / LD		
Animal ID 5 (20 mg/day / 3)				
28	0.9 / 1 / UP	0.17 / 3 / UP		
84	0.4 / 1 / UP	0.076 / 3 / UP		
112	1.6 / 1 / LD	0.30 / 3 / LD		
Animal ID 6 (20 mg/day / 3)				
56	2.8 / 1 / UP	0.53 / 3 / UP		
112	1 / 1 / LD	0.19 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

endrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 7 (20 mg/day / 3)				
28	1.6 / 1 / UP	0.30 / 3 / UP		
84	1.3 / 1 / LD-28	0.25 / 3 / LD-28		
Animal ID 8 (20 mg/day / 3)				
56	2.3 / 1 / UP	0.44 / 3 / UP		
112	0.6 / 1 / LD	0.11 / 3 / LD		

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (80 mg/day / 3)				
28	5 / 1 / UP	0.95 / 3 / UP		
84	5 / 1 / UP	0.95 / 3 / UP		
112	4 / 1 / LD	0.76 / 3 / LD		
140	1 / 1 / DP	0.19 / 3 / DP		
Animal ID 2 (80 mg/day / 3)				
28	3 / 1 / UP	0.57 / 3 / UP		
84	2 / 1 / UP	0.38 / 3 / UP		
112	2 / 1 / LD	0.38 / 3 / LD		
Animal ID 3 (80 mg/day / 3)				
56	8 / 1 / UP	1.5 / 3 / UP		
112	9 / 1 / LD	1.7 / 3 / LD		
140	4 / 1 / DP	0.76 / 3 / DP		
Animal ID 4 (20 mg/day / 3)				
28	1.5 / 1 / UP	0.29 / 3 / UP		
112	0.5 / 1 / LD	0.095 / 3 / LD		
Animal ID 5 (20 mg/day / 3)				
56	0.9 / 1 / LD-56	0.17 / 3 / LD-56		
Animal ID 6 (20 mg/day / 3)				
28	1.2 / 1 / UP	0.23 / 3 / UP		
84	1.4 / 1 / LD-28	0.27 / 3 / LD-28		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1960

Pesticide Residues in Meat and Milk A Research Report. ARS-33-63: 1

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 7 (20 mg/day / 3)				
56	0.5 / 1 / LD-56	0.095 / 3 / LD-56		

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (30 mg/day / 3)				
112	2.7 / 1 / LD	0.51 / 3 / LD		
Animal ID 2 (60 mg/day / 3)				
70	2.9 / 1 / LD	0.55 / 3 / LD		
Animal ID 3 (120 mg/day / 3)				
56	6.1 / 1 / LD	1.2 / 3 / LD		
Animal ID 4 (240 mg/day / 3)				
56	13.8 / 1 / LD	2.6 / 3 / LD		
Animal ID 5 (240 mg/day / 3)				
70	16.1 / 1 / LD	3.1 / 3 / LD		
Animal ID 6 (480 mg/day / 3)				
56	34.1 / 1 / LD	6.5 / 3 / LD		
Animal ID 7 (480 mg/day / 3)				
70	38.8 / 1 / LD	7.4 / 3 / LD		
Animal ID 8 (480 mg/day / 3)				
98	59.8 / 1 / LD	11 / 3 / LD		
Animal ID 9 (480 mg/day / 3)				
112	61.9 / 1 / LD	12 / 3 / LD		

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (30 mg/day / 3)				
28	0.8 / 1 / UP	0.15 / 3 / UP		
56	1.5 / 1 / LD	0.29 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
140	1.0 / 1 / DP	0.20 / 3 / DP		
168	0.85 / 1 / DP	0.16 / 3 / DP		
Animal ID 2 (30 mg/day / 3)				
28	0.54 / 1 / UP	0.10 / 3 / UP		
56	1.1 / 1 / LD	0.21 / 3 / LD		
140	0.97 / 1 / DP	0.18 / 3 / DP		

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (8 mg/day / 3)				
28	2.0 / 1 / UP	0.39 / 3 / UP		
56	5.1 / 1 / LD	0.97 / 3 / LD		
140	3.1 / 1 / DP	0.58 / 3 / DP		
168	2.9 / 1 / DP	0.54 / 3 / DP		
Animal ID 2 (8 mg/day / 3)				
28	1.7 / 1 / UP	0.31 / 3 / UP		
56	3.3 / 1 / LD	0.63 / 3 / LD		
140	2.0 / 1 / DP	0.38 / 3 / DP		
168	2.0 / 1 / DP	0.37 / 3 / DP		
Animal ID 3 (30 mg/day / 3)				
28	7.5 / 1 / UP	1.4 / 3 / UP		
56	15.4 / 1 / LD	2.9 / 3 / LD		
140	12.7 / 1 / DP	2.4 / 3 / DP		
168	7.5 / 1 / DP	1.4 / 3 / DP		
Animal ID 4 (30 mg/day / 3)				
28	7.3 / 1 / UP	1.4 / 3 / UP		
56	13.3 / 1 / LD	2.5 / 3 / LD		
140	7.6 / 1 / DP	1.4 / 3 / DP		
168	5.5 / 1 / DP	1.0 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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lindane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (8 mg/day / 3)				
56	1 / 1 / UP	0.19 / 3 / UP		
84	1.3 / 1 / UP	0.25 / 3 / UP		
112	1.6 / 1 / LD	0.30 / 3 / LD		
168	0.9 / 1 / DP	0.17 / 3 / DP		
Animal ID 2 (8 mg/day / 3)				
28	0.3 / 1 / UP	0.057 / 3 / UP		
56	0.8 / 1 / UP	0.15 / 3 / UP		
84	2 / 1 / UP	0.38 / 3 / UP		
112	0.4 / 1 / LD	0.076 / 3 / LD		
140	0.5 / 1 / DP	0.095 / 3 / DP		
252	0.6 / 1 / DP	0.11 / 3 / DP		
Animal ID 3 (80 mg/day / 3)				
28	3.5 / 1 / UP	0.67 / 3 / UP		
56	6.9 / 1 / UP	1.3 / 3 / UP		
84	7.6 / 1 / UP	1.4 / 3 / UP		
112	2 / 1 / LD	0.38 / 3 / LD		
168	0.6 / 1 / DP	0.11 / 3 / DP		
Animal ID 4 (80 mg/day / 3)				
56	6.7 / 1 / UP	1.3 / 3 / UP		
84	8.3 / 1 / UP	1.6 / 3 / UP		
112	4.2 / 1 / LD	0.80 / 3 / LD		
140	4.9 / 1 / DP	0.93 / 3 / DP		
Animal ID 5 (800 mg/day / 3)				
28	59 / 1 / UP	11 / 3 / UP		
56	76 / 1 / UP	14 / 3 / UP		
84	86 / 1 / UP	16 / 3 / UP		
112	40 / 1 / LD	7.6 / 3 / LD		
168	3.7 / 1 / DP	0.70 / 3 / DP		
252	1 / 1 / DP	0.19 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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lindane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 6 (800 mg/day / 3)				
28	70 / 1 / UP	13.3 / 3 / UP		
56	76 / 1 / UP	14 / 3 / UP		
84	111 / 1 / UP	21 / 3 / UP		
112	60 / 1 / LD	11.4 / 3 / LD		
140	12 / 1 / DP	2.3 / 3 / DP		
252	1.3 / 1 / DP	0.25 / 3 / DP		

toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 3 (320 mg/day / 3)				
7			4.3 / 3 / UP	0.17 / 1 / UP
14			6 / 3 / UP	0.24 / 1 / UP
21			6 / 3 / UP	0.24 / 1 / UP
28			7.8 / 3 / UP	0.31 / 1 / UP
35			7.3 / 3 / UP	0.29 / 1 / UP
42			8.3 / 3 / UP	0.33 / 1 / UP
49			6.3 / 3 / UP	0.25 / 1 / UP
56			5.3 / 3 / LD	0.21 / 1 / LD
63			2.5 / 3 / DP	0.1 / 1 / DP
70			0.25 / 3 / DP	0.01 / 1 / DP
Animal ID 4 (320 mg/day / 3)				
7			6.5 / 3 / UP	0.26 / 1 / UP
14			7.8 / 3 / UP	0.31 / 1 / UP
21			7.8 / 3 / UP	0.31 / 1 / UP
28			10 / 3 / UP	0.41 / 1 / UP
35			8.5 / 3 / UP	0.34 / 1 / UP
42			10.5 / 3 / UP	0.42 / 1 / UP
49			7.8 / 3 / UP	0.31 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
56			6.3 / 3 / LD	0.25 / 1 / LD
63			1.5 / 3 / DP	0.06 / 1 / DP
70			1 / 3 / DP	0.04 / 1 / DP
Animal ID 5 (320 mg/day / 3)				
7			4 / 3 / UP	0.16 / 1 / UP
14			6 / 3 / UP	0.24 / 1 / UP
21			6 / 3 / UP	0.24 / 1 / UP
28			8.8 / 3 / UP	0.35 / 1 / UP
35			8.8 / 3 / UP	0.35 / 1 / UP
42			8.8 / 3 / UP	0.35 / 1 / UP
49			6.5 / 3 / UP	0.26 / 1 / UP
56			6 / 3 / LD	0.24 / 1 / LD
63			1.5 / 3 / DP	0.06 / 1 / DP
70			0.5 / 3 / DP	0.02 / 1 / DP
Animal ID 6 (960 mg/day / 3)				
7			15 / 3 / UP	0.61 / 1 / UP
14			16 / 3 / UP	0.65 / 1 / UP
21			18.5 / 3 / UP	0.74 / 1 / UP
28			17.5 / 3 / UP	0.7 / 1 / UP
35			17 / 3 / UP	0.67 / 1 / UP
42			17 / 3 / UP	0.68 / 1 / UP
49			12 / 3 / UP	0.47 / 1 / UP
56			11 / 3 / LD	0.44 / 1 / LD
63			2 / 3 / DP	0.08 / 1 / DP
70			1.3 / 3 / DP	0.05 / 1 / DP
77			1 / 3 / DP	0.04 / 1 / DP
Animal ID 7 (960 mg/day / 3)				
7			15 / 3 / UP	0.61 / 1 / UP
14			17 / 3 / UP	0.69 / 1 / UP
21			22 / 3 / UP	0.87 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
28			16.5 / 3 / UP	0.66 / 1 / UP
35			17 / 3 / UP	0.69 / 1 / UP
42			19 / 3 / UP	0.77 / 1 / UP
49			13 / 3 / UP	0.53 / 1 / UP
56			13 / 3 / LD	0.52 / 1 / LD
63			3.5 / 3 / DP	0.14 / 1 / DP
70			2.8 / 3 / DP	0.11 / 1 / DP
77			2.3 / 3 / DP	0.09 / 1 / DP
Animal ID 8 (960 mg/day / 3)				
7			12 / 3 / UP	0.47 / 1 / UP
14			12.5 / 3 / UP	0.5 / 1 / UP
21			16 / 3 / UP	0.65 / 1 / UP
28			17 / 3 / UP	0.67 / 1 / UP
35			13 / 3 / UP	0.53 / 1 / UP
42			17 / 3 / UP	0.69 / 1 / UP
49			12 / 3 / UP	0.48 / 1 / UP
56			12 / 3 / LD	0.48 / 1 / LD
63			4 / 3 / DP	0.16 / 1 / DP
70			3.3 / 3 / DP	0.13 / 1 / DP
77			2.3 / 3 / DP	0.09 / 1 / DP
Animal ID 9 (1600 mg/day / 3)				
7			22.5 / 3 / UP	0.9 / 1 / UP
14			25 / 3 / UP	0.99 / 1 / UP
21			23 / 3 / UP	0.92 / 1 / UP
28			26.5 / 3 / UP	1.1 / 1 / UP
35			22 / 3 / UP	0.87 / 1 / UP
42			24 / 3 / UP	0.96 / 1 / UP
49			23 / 3 / UP	0.93 / 1 / UP
56			22.5 / 3 / LD	0.9 / 1 / LD
63			2.8 / 3 / DP	0.11 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
70			1.3 / 3 / DP	0.05 / 1 / DP
77			2 / 3 / DP	0.08 / 1 / DP
Animal ID 10 (1600 mg/day / 3)				
7			22 / 3 / UP	0.87 / 1 / UP
14			25 / 3 / UP	1 / 1 / UP
21			27 / 3 / UP	1.1 / 1 / UP
28			30 / 3 / UP	1.2 / 1 / UP
35			28 / 3 / UP	1.1 / 1 / UP
42			26 / 3 / UP	1.0 / 1 / UP
49			24 / 3 / UP	0.97 / 1 / UP
56			24 / 3 / LD	0.96 / 1 / LD
63			4.5 / 3 / DP	0.18 / 1 / DP
70			4 / 3 / DP	0.16 / 1 / DP
77			3.8 / 3 / DP	0.15 / 1 / DP
Animal ID 11 (1600 mg/day / 3)				
7			21 / 3 / UP	0.85 / 1 / UP
14			26 / 3 / UP	1.1 / 1 / UP
21			26 / 3 / UP	1.0 / 1 / UP
28			30 / 3 / UP	1.2 / 1 / UP
35			23 / 3 / UP	0.92 / 1 / UP
42			22 / 3 / UP	0.89 / 1 / UP
49			17 / 3 / UP	0.68 / 1 / UP
56			22 / 3 / LD	0.88 / 1 / LD
63			4.3 / 3 / DP	0.17 / 1 / DP
70			4.5 / 3 / DP	0.18 / 1 / DP
Animal ID 12 (2240 mg/day / 3)				
7			36.5 / 3 / UP	1.5 / 1 / UP
14			39 / 3 / UP	1.6 / 1 / UP
21			42 / 3 / UP	1.7 / 1 / UP
28			44 / 3 / UP	1.8 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
35			33 / 3 / UP	1.3 / 1 / UP
42			35 / 3 / UP	1.4 / 1 / UP
49			34 / 3 / UP	1.4 / 1 / UP
56			38 / 3 / LD	1.5 / 1 / LD
63			4.8 / 3 / DP	0.19 / 1 / DP
70			4.3 / 3 / DP	0.17 / 1 / DP
77			3 / 3 / DP	0.12 / 1 / DP
Animal ID 13 (2240 mg/day / 3)				
7			28 / 3 / UP	1.1 / 1 / UP
14			27 / 3 / UP	1.1 / 1 / UP
21			35 / 3 / UP	1.4 / 1 / UP
28			36 / 3 / UP	1.5 / 1 / UP
35			31 / 3 / UP	1.2 / 1 / UP
42			31 / 3 / UP	1.2 / 1 / UP
49			38 / 3 / UP	1.5 / 1 / UP
56			36 / 3 / LD	1.4 / 1 / LD
63			7.5 / 3 / DP	0.3 / 1 / DP
70			5.5 / 3 / DP	0.22 / 1 / DP
77			5.3 / 3 / DP	0.21 / 1 / DP
Animal ID 14 (2240 mg/day / 3)				
7			43.5 / 3 / UP	1.7 / 1 / UP
14			59 / 3 / UP	2.4 / 1 / UP
21			58 / 3 / UP	2.3 / 1 / UP
28			62 / 3 / UP	2.5 / 1 / UP
35			49 / 3 / UP	2.0 / 1 / UP
42			58 / 3 / UP	2.3 / 1 / UP
49			56 / 3 / UP	2.2 / 1 / UP
56			63 / 3 / LD	2.5 / 1 / LD
63			11.5 / 3 / DP	0.46 / 1 / DP
70			20 / 3 / DP	0.8 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
77			6.5 / 3 / DP	0.26 / 1 / DP

toxaphene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (800 mg/day / 3)				
28	25 / 1 / UP	4.8 / 3 / UP		
56	27 / 1 / UP	5.1 / 3 / UP		
84	36 / 1 / UP	6.8 / 3 / UP		
112	37 / 1 / LD	7.0 / 3 / LD		
140	10 / 1 / DP	1.9 / 3 / DP		
Animal ID 2 (800 mg/day / 3)				
56	45 / 1 / UP	8.6 / 3 / UP		
84	43 / 1 / UP	8.2 / 3 / UP		
112	52 / 1 / LD	9.9 / 3 / LD		
140	29 / 1 / DP	5.5 / 3 / DP		
168	9 / 1 / DP	1.7 / 3 / DP		
Animal ID 3 (800 mg/day / 3)				
28	30 / 1 / UP	5.7 / 3 / UP		
56	34 / 1 / UP	6.5 / 3 / UP		
84	29 / 1 / UP	5.5 / 3 / UP		
112	29 / 1 / LD	5.5 / 3 / LD		
140	24 / 1 / DP	4.6 / 3 / DP		
Animal ID 4 (800 mg/day / 3)				
28	23 / 1 / UP	4.4 / 3 / UP		
56	27 / 1 / UP	5.1 / 3 / UP		
84	25 / 1 / UP	4.8 / 3 / UP		
112	33 / 1 / LD	6.3 / 3 / LD		
140	10 / 1 / DP	1.9 / 3 / DP		
168	3 / 1 / DP	0.57 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 5 (800 mg/day / 3)				
28	26 / 1 / UP	4.9 / 3 / UP		
56	35 / 1 / UP	6.7 / 3 / UP		
84	33 / 1 / UP	6.3 / 3 / UP		
112	39 / 1 / LD	7.4 / 3 / LD		
140	15 / 1 / DP	2.9 / 3 / DP		
Animal ID 6 (200 mg/day / 3)				
28	2 / 1 / UP	0.38 / 3 / UP		
56	4 / 1 / UP	0.76 / 3 / UP		
84	11 / 1 / UP	2.1 / 3 / UP		
112	16 / 1 / LD	3.0 / 3 / LD		
Animal ID 7 (200 mg/day / 3)				
28	3 / 1 / UP	0.57 / 3 / UP		
56	4 / 1 / UP	0.76 / 3 / UP		
84	7 / 1 / UP	1.3 / 3 / UP		
112	12 / 1 / LD	2.3 / 3 / LD		
Animal ID 8 (200 mg/day / 3)				
28	1 / 1 / UP	0.19 / 3 / UP		
56	9 / 1 / UP	1.7 / 3 / UP		
84	9 / 1 / UP	1.7 / 3 / UP		
112	16 / 1 / LD	3.0 / 3 / LD		
Animal ID 9 (200 mg/day / 3)				
28	4 / 1 / UP	0.76 / 3 / UP		
56	4 / 1 / UP	0.76 / 3 / UP		
84	11 / 1 / UP	2.1 / 3 / UP		
112	8 / 1 / LD	1.5 / 3 / LD		
Animal ID 10 (200 mg/day / 3)				
28	1 / 1 / UP	0.19 / 3 / UP		
56	1 / 1 / UP	0.19 / 3 / UP		
84	12 / 1 / UP	2.3 / 3 / UP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
112	9 / 1 / LD	1.7 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 3 (320 mg/day / 3)				
7			4.3 / 2 / UP	0.17 / 1 / UP
14			6 / 2 / UP	0.24 / 1 / UP
21			6 / 2 / UP	0.24 / 1 / UP
28			7.8 / 2 / UP	0.31 / 1 / UP
35			7.3 / 2 / UP	0.29 / 1 / UP
42			8.3 / 2 / UP	0.33 / 1 / UP
49			6.3 / 2 / UP	0.25 / 1 / UP
56			5.3 / 2 / LD	0.21 / 1 / LD
63			2.5 / 2 / DP	0.1 / 1 / DP
70			0.25 / 2 / DP	0.01 / 1 / DP
Animal ID 6 (960 mg/day / 3)				
7			15 / 2 / UP	0.61 / 1 / UP
14			16 / 2 / UP	0.65 / 1 / UP
21			18.5 / 2 / UP	0.74 / 1 / UP
28			17.5 / 2 / UP	0.7 / 1 / UP
35			17 / 2 / UP	0.67 / 1 / UP
42			17 / 2 / UP	0.68 / 1 / UP
49			12 / 2 / UP	0.47 / 1 / UP
56			11 / 2 / LD	0.44 / 1 / LD
57	8.4 / 1 / LD+1	1.6 / 3 / LD+1		
63			2 / 2 / DP	0.08 / 1 / DP
70			1.3 / 2 / DP	0.05 / 1 / DP
77			1 / 2 / DP	0.04 / 1 / DP
Animal ID 9 (1600 mg/day / 3)				
7			22.5 / 2 / UP	0.9 / 1 / UP
14			25 / 2 / UP	0.99 / 1 / UP
21			23 / 2 / UP	0.92 / 1 / UP
28			26.5 / 2 / UP	1.1 / 1 / UP
35			22 / 2 / UP	0.87 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
42			24 / 2 / UP	0.96 / 1 / UP
49			23 / 2 / UP	0.93 / 1 / UP
56			22.5 / 2 / LD	0.9 / 1 / LD
57	14.3 / 1 / LD+1	2.7 / 3 / LD+1		
63			2.8 / 2 / DP	0.11 / 1 / DP
70			1.3 / 2 / DP	0.05 / 1 / DP
77			2 / 2 / DP	0.08 / 1 / DP
Animal ID 12 (2240 mg/day / 3)				
7			36.5 / 2 / UP	1.5 / 1 / UP
14			39 / 2 / UP	1.6 / 1 / UP
21			42 / 2 / UP	1.7 / 1 / UP
28			44 / 2 / UP	1.8 / 1 / UP
35			33 / 2 / UP	1.3 / 1 / UP
42			35 / 2 / UP	1.4 / 1 / UP
49			34 / 2 / UP	1.4 / 1 / UP
56			38 / 2 / LD	1.5 / 1 / LD
57	24.3 / 1 / LD+1	4.6 / 3 / LD+1		
63			4.8 / 2 / DP	0.19 / 1 / DP
70			4.3 / 2 / DP	0.17 / 1 / DP
77			3 / 2 / DP	0.12 / 1 / DP
Animal ID 4 (320 mg/day / 3)				
7			6.5 / 2 / UP	0.26 / 1 / UP
14			7.8 / 2 / UP	0.31 / 1 / UP
21			7.8 / 2 / UP	0.31 / 1 / UP
28			10 / 2 / UP	0.41 / 1 / UP
35			6 / 2 / UP	0.24 / 1 / UP
42			10.5 / 2 / UP	0.42 / 1 / UP
49			7.8 / 2 / UP	0.31 / 1 / UP
56			6.3 / 2 / LD	0.25 / 1 / LD
63			1.5 / 2 / DP	0.06 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
70			1 / 2 / DP	0.04 / 1 / DP
Animal ID 5 (320 mg/day / 3)				
7			4 / 2 / UP	0.16 / 1 / UP
14			6 / 2 / UP	0.24 / 1 / UP
21			6 / 2 / UP	0.24 / 1 / UP
28			8.8 / 2 / UP	0.35 / 1 / UP
35			8.8 / 2 / UP	0.35 / 1 / UP
42			8.8 / 2 / UP	0.35 / 1 / UP
49			6.5 / 2 / UP	0.26 / 1 / UP
56			6 / 2 / LD	0.24 / 1 / LD
63			1.5 / 2 / DP	0.06 / 1 / DP
70			0.5 / 2 / DP	0.02 / 1 / DP
Animal ID 7 (960 mg/day / 3)				
7			15 / 2 / UP	0.61 / 1 / UP
14			17 / 2 / UP	0.69 / 1 / UP
21			22 / 2 / UP	0.87 / 1 / UP
28			16.5 / 2 / UP	0.66 / 1 / UP
35			17 / 2 / UP	0.69 / 1 / UP
42			19 / 2 / UP	0.77 / 1 / UP
49			13 / 2 / UP	0.53 / 1 / UP
56			13 / 2 / LD	0.52 / 1 / LD
63			3.5 / 2 / DP	0.14 / 1 / DP
70			2.8 / 2 / DP	0.11 / 1 / DP
77			2.3 / 2 / DP	0.09 / 1 / DP
Animal ID 8 (960 mg/day / 3)				
7			12 / 2 / UP	0.47 / 1 / UP
14			12.5 / 2 / UP	0.5 / 1 / UP
21			16 / 2 / UP	0.65 / 1 / UP
28			17 / 2 / UP	0.67 / 1 / UP
35			13 / 2 / UP	0.53 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg			
	Beef fat	Beef tissue	Milk fat	Whole milk
42			17 / 2 / UP	0.69 / 1 / UP
49			12 / 2 / UP	0.48 / 1 / UP
56			12 / 2 / LD	0.48 / 1 / LD
63			4 / 2 / DP	0.16 / 1 / DP
70			3.3 / 2 / DP	0.13 / 1 / DP
77			2.3 / 2 / DP	0.09 / 1 / DP
Animal ID 10 (1600 mg/day / 3)				
7			22 / 2 / UP	0.87 / 1 / UP
14			25 / 2 / UP	1 / 1 / UP
21			27 / 2 / UP	1.1 / 1 / UP
28			30 / 2 / UP	1.2 / 1 / UP
35			28 / 2 / UP	1.1 / 1 / UP
42			26 / 2 / UP	1.0 / 1 / UP
49			24 / 2 / UP	0.97 / 1 / UP
56			24 / 2 / LD	0.96 / 1 / LD
63			4.5 / 2 / DP	0.18 / 1 / DP
70			4 / 2 / DP	0.16 / 1 / DP
77			3.8 / 2 / DP	0.15 / 1 / DP
Animal ID 11 (1600 mg/day / 3)				
7			21 / 2 / UP	0.85 / 1 / UP
14			26 / 2 / UP	1.1 / 1 / UP
21			26 / 2 / UP	1.0 / 1 / UP
28			30 / 2 / UP	1.2 / 1 / UP
35			23 / 2 / UP	0.92 / 1 / UP
42			22 / 2 / UP	0.89 / 1 / UP
49			17 / 2 / UP	0.68 / 1 / UP
56			22 / 2 / LD	0.88 / 1 / LD
63			4.3 / 2 / DP	0.17 / 1 / DP
70			4.5 / 2 / DP	0.18 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Claborn et al., 1963

Journal of Agricultural and Food Chemistry. 11: 286

toxaphene

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 13 (2240 mg/day / 3)				
7			28 / 2 / UP	1.1 / 1 / UP
14			27 / 2 / UP	1.1 / 1 / UP
21			35 / 2 / UP	1.4 / 1 / UP
28			36 / 2 / UP	1.5 / 1 / UP
35			31 / 2 / UP	1.2 / 1 / UP
42			31 / 2 / UP	1.2 / 1 / UP
49			38 / 2 / UP	1.5 / 1 / UP
56			36 / 2 / LD	1.4 / 1 / LD
63			7.5 / 2 / DP	0.3 / 1 / DP
70			5.5 / 2 / DP	0.22 / 1 / DP
77			5.3 / 2 / DP	0.21 / 1 / DP
Animal ID 14 (2240 mg/day / 3)				
7			43.5 / 2 / UP	1.7 / 1 / UP
14			59 / 2 / UP	2.4 / 1 / UP
21			58 / 2 / UP	2.3 / 1 / UP
28			62 / 2 / UP	2.5 / 1 / UP
35			49 / 2 / UP	2.0 / 1 / UP
42			58 / 2 / UP	2.3 / 1 / UP
49			56 / 2 / UP	2.2 / 1 / UP
56			63 / 2 / LD	2.5 / 1 / LD
63			11.5 / 2 / DP	0.46 / 1 / DP
70			20 / 2 / DP	0.8 / 1 / DP
77			6.5 / 2 / DP	0.26 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Clark et al., 1975

Journal of Agricultural and Food Chemistry. 23: 573

2,4-D

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1701 (2313 mg/day / 2)				
28	0.15 / 1 / LD	0.029 / 3 / LD		
Animal ID 1702 (2313 mg/day / 2)				
28	0.1 / 1 / LD	0.019 / 3 / LD		
Animal ID 1713 (2313 mg/day / 2)				
28	0.15 / 1 / LD	0.029 / 3 / LD		
Animal ID 1703 (7710 mg/day / 2)				
28	0.7 / 1 / LD	0.13 / 3 / LD		
Animal ID 1714 (7710 mg/day / 2)				
28	0.3 / 1 / LD	0.057 / 3 / LD		
Animal ID 1715 (7710 mg/day / 2)				
28	0.35 / 1 / LD	0.067 / 3 / LD		
Animal ID 1704 (15420 mg/day / 2)				
28	0.25 / 1 / LD	0.06 / 1 / LD		
Animal ID 1705 (15420 mg/day / 2)				
28	0.57 / 1 / LD	0.06 / 1 / LD		
Animal ID 1710 (15420 mg/day / 2)				
28	0.2 / 1 / LD	0.1 / 1 / LD		
Animal ID 1706 (15420 mg/day / 2)				
35	0.4 / 1 / LD+7	0.08 / 1 / LD+7		
Animal ID 1711 (15420 mg/day / 2)				
35	0.2 / 1 / LD+7	0.038 / 3 / LD+7		
Animal ID 1712 (15420 mg/day / 2)				
35	0.25 / 1 / LD+7	0.048 / 3 / LD+7		

fenoprop (silvex)

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1734 (2313 mg/day / 2)				
28	1.8 / 1 / LD	0.1 / 1 / LD		
Animal ID 1737 (2313 mg/day / 2)				
28	0.12 / 1 / LD	0.05 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Clark et al., 1975

Journal of Agricultural and Food Chemistry. 23: 573

fenoprop (silvex)

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1732 (7710 mg/day / 2)				
28	0.48 / 1 / LD	0.09 / 1 / LD		
Animal ID 1736 (7710 mg/day / 2)				
28	1.7 / 1 / LD	0.1 / 1 / LD		
Animal ID 1739 (7710 mg/day / 2)				
28	1.9 / 1 / LD	0.09 / 1 / LD		
Animal ID 1731 (15420 mg/day / 2)				
28	1.4 / 1 / LD	0.05 / 1 / LD		
Animal ID 1733 (15420 mg/day / 2)				
28	8 / 1 / LD	2 / 1 / LD		
Animal ID 1742 (15420 mg/day / 2)				
28	1.9 / 1 / LD	0.05 / 1 / LD		
Animal ID 1728 (15420 mg/day / 2)				
35	0.6 / 1 / LD+7	0.06 / 1 / LD+7		
Animal ID 1740 (15420 mg/day / 2)				
35	1 / 1 / LD+7	0.19 / 3 / LD+7		
Animal ID 1741 (15420 mg/day / 2)				
35	0.4 / 1 / LD+7	0.25 / 1 / LD+7		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Clark et al., 1981

Journal of Agricultural and Food Chemistry. 29: 1175

mefluidide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 277 (288 mg/day / 3)				
21			0.15 / 3 / LD-7	0.006 / 1 / LD-7
29	0.01 / 1 / LD+1	0.0019 / 3 / LD+1		
Animal ID 227 (960 mg/day / 3)				
1			0.15 / 3 / UP	0.006 / 1 / UP
3			0.2 / 3 / UP	0.008 / 1 / UP
7			0.23 / 3 / UP	0.009 / 1 / UP
10			0.15 / 3 / UP	0.006 / 1 / UP
14			0.15 / 3 / UP	0.006 / 1 / UP
17			0.18 / 3 / UP	0.007 / 1 / UP
21			0.13 / 3 / UP	0.005 / 1 / UP
24			0.15 / 3 / UP	0.006 / 1 / UP
28			0.18 / 3 / LD	0.007 / 1 / LD
29	0.03 / 1 / LD+1	0.0057 / 3 / LD+1		
Animal ID 657 (960 mg/day / 3)				
1			0.35 / 3 / UP	0.014 / 1 / UP
3			0.33 / 3 / UP	0.013 / 1 / UP
7			0.33 / 3 / UP	0.013 / 1 / UP
10			0.25 / 3 / UP	0.01 / 1 / UP
14			0.35 / 3 / UP	0.014 / 1 / UP
17			0.23 / 3 / UP	0.009 / 1 / UP
21			0.38 / 3 / UP	0.015 / 1 / UP
24			0.33 / 3 / UP	0.013 / 1 / UP
28			0.38 / 3 / LD	0.015 / 1 / LD
Animal ID 670 (960 mg/day / 3)				
3			0.13 / 3 / UP	0.005 / 1 / UP
14			0.13 / 3 / UP	0.005 / 1 / UP
21			0.13 / 3 / UP	0.005 / 1 / UP
24			0.13 / 3 / UP	0.005 / 1 / UP
28			0.18 / 3 / LD	0.007 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Clark et al., 1981

Journal of Agricultural and Food Chemistry. 29: 1175

mefluidide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
29	0.053 / 3 / LD+1	0.01 / 1 / LD+1		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Crayford et al., 1976

Pesticide Science. 7: 559

benzoylprop-ethyl

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (30 mg/day / 1)				
1			0.023 / 3 / UP	9.0E-04 / 1 / UP
2			0.026 / 3 / UP	0.0011 / 1 / UP
3			0.026 / 3 / UP	0.0011 / 1 / UP
4			0.026 / 3 / UP	0.0011 / 1 / UP
5			0.025 / 3 / UP	0.001 / 1 / UP
6			0.029 / 3 / UP	0.0012 / 1 / UP
7			0.026 / 3 / LD	0.0011 / 1 / LD
8	0.0032 / 1 / LD+1	0.0015 / 1 / LD+1		
8	0.0033 / 1 / LD+1	0.0013 / 1 / LD+1	0.015 / 3 / DP	6.0E-04 / 1 / DP
8		0.0016 / 1 / LD+1		
8		8.0E-04 / 1 / LD+1		

flamprop-isopropyl

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5.1 mg/day / 1)				
1			0.005 / 3 / UP	2.0E-04 / 1 / UP
2			0.0088 / 3 / UP	3.5E-04 / 1 / UP
3			0.0063 / 3 / UP	2.5E-04 / 1 / UP
4			0.0088 / 3 / UP	3.5E-04 / 1 / UP
5			0.0088 / 3 / UP	3.5E-04 / 1 / UP
6			0.0075 / 3 / UP	3.0E-04 / 1 / UP
7			0.0075 / 3 / UP	3.0E-04 / 1 / UP
8			0.0075 / 3 / LD	3.0E-04 / 1 / LD
9	0.002 / 1 / LD+1	3.8E-04 / 3 / LD+1	0.0075 / 3 / DP	3.0E-04 / 1 / DP
9	0.002 / 1 / LD+1	3.8E-04 / 3 / LD+1		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Croucher et al., 1985

Pesticide Science. 16: 287

cypermethrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2 mg/day / 1)				
20	0.009 / 1 / LD	0.0017 / 3 / LD	0.015 / 3 / LD	6.0E-04 / 1 / LD
Animal ID 2 (2 mg/day / 1)				
21	0.008 / 1 / LD	0.0015 / 3 / LD	0.015 / 3 / LD	6.0E-04 / 1 / LD
Animal ID 3 (50 mg/day / 1)				
7	0.03 / 1 / LD	0.0057 / 3 / LD	0.3 / 3 / LD	0.012 / 1 / LD
Animal ID 4 (50 mg/day / 1)				
7	0.04 / 1 / LD	0.0076 / 3 / LD	0.28 / 3 / LD	0.011 / 1 / LD
Animal ID 5 (50 mg/day / 1)				
7	0.06 / 1 / LD	0.011 / 3 / LD	0.3 / 3 / LD	0.012 / 1 / LD
Animal ID 6 (100 mg/day / 1)				
7	0.08 / 1 / LD	0.015 / 3 / LD	0.81 / 2 / LD	0.031 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dingle and Palmer, 1977

Australian Journal of Experimental Agriculture and Animal Husbandry. 17: 712

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (6 mg/day / 1)				
1	0.01 / 1 / UP	0.0019 / 3 / UP		
7	0.3 / 1 / UP	0.057 / 3 / UP		
14	0.64 / 1 / UP	0.12 / 3 / UP		
21	0.95 / 1 / UP	0.18 / 3 / UP		
28	1.4 / 1 / UP	0.26 / 3 / UP		
42	1.7 / 1 / UP	0.33 / 3 / UP		
56	0.95 / 1 / UP	0.18 / 3 / UP		
70	3.1 / 1 / LD	0.59 / 3 / LD		
Animal ID 2 (36 mg/day / 1)				
1	0.01 / 1 / UP	0.0019 / 3 / UP		
7	2.0 / 1 / UP	0.37 / 3 / UP		
14	4.5 / 1 / UP	0.86 / 3 / UP		
21	7.6 / 1 / UP	1.4 / 3 / UP		
28	7.4 / 1 / UP	1.4 / 3 / UP		
42	8.5 / 1 / UP	1.6 / 3 / UP		
56	12.5 / 1 / UP	2.4 / 3 / UP		
70	16 / 1 / LD	3.1 / 3 / LD		
Animal ID 3 (216 mg/day / 1)				
1	0.01 / 1 / UP	0.0019 / 3 / UP		
7	10.0 / 1 / UP	1.9 / 3 / UP		
14	25 / 1 / UP	4.7 / 3 / UP		
21	43 / 1 / UP	8.1 / 3 / UP		
28	49.5 / 1 / UP	9.4 / 3 / UP		
42	81 / 1 / UP	15 / 3 / UP		
56	81 / 1 / UP	15 / 3 / UP		
70	98.5 / 1 / LD	19 / 3 / LD		
Animal ID 4 (1 mg/day / 1)				
1	0.02 / 1 / UP	0.0038 / 3 / UP		
14	0.22 / 1 / UP	0.042 / 3 / UP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dingle and Palmer, 1977

Australian Journal of Experimental Agriculture and Animal Husbandry. 17: 712

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
28	0.28 / 1 / UP	0.053 / 3 / UP		
42	0.36 / 1 / LD	0.068 / 3 / LD		
56	0.46 / 1 / DP	0.087 / 3 / DP		
70	0.51 / 1 / DP	0.097 / 3 / DP		
84	0.3 / 1 / DP	0.057 / 3 / DP		
98	0.32 / 1 / DP	0.061 / 3 / DP		
112	0.24 / 1 / DP	0.046 / 3 / DP		
126	0.18 / 1 / DP	0.034 / 3 / DP		
140	0.13 / 1 / DP	0.025 / 3 / DP		
154	0.12 / 1 / DP	0.023 / 3 / DP		
Animal ID 5 (6 mg/day / 1)				
1	0.01 / 1 / UP	0.0019 / 3 / UP		
14	4.3 / 1 / UP	0.82 / 3 / UP		
28	6.2 / 1 / UP	1.2 / 3 / UP		
42	4.4 / 1 / LD	0.83 / 3 / LD		
56	2.5 / 1 / DP	0.47 / 3 / DP		
70	1.4 / 1 / DP	0.27 / 3 / DP		
84	1.1 / 1 / DP	0.21 / 3 / DP		
98	0.79 / 1 / DP	0.15 / 3 / DP		
112	0.41 / 1 / DP	0.078 / 3 / DP		
126	0.52 / 1 / DP	0.099 / 3 / DP		
140	0.5 / 1 / DP	0.095 / 3 / DP		
154	0.25 / 1 / DP	0.048 / 3 / DP		
Animal ID 6 (36 mg/day / 1)				
1	0.01 / 1 / UP	0.0019 / 3 / UP		
14	6.9 / 1 / UP	1.3 / 3 / UP		
28	11 / 1 / UP	2.0 / 3 / UP		
42	16.7 / 1 / LD	3.2 / 3 / LD		
56	11 / 1 / DP	2.0 / 3 / DP		
70	8.6 / 1 / DP	1.6 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dingle and Palmer, 1977

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hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
84	7.1 / 1 / DP	1.4 / 3 / DP		
98	6 / 1 / DP	1.1 / 3 / DP		
112	4.3 / 1 / DP	0.82 / 3 / DP		
126	3.1 / 1 / DP	0.59 / 3 / DP		
140	4.5 / 1 / DP	0.85 / 3 / DP		
154	3.3 / 1 / DP	0.62 / 3 / DP		
Animal ID 7 (6 mg/day / 1)				
21	0.98 / 1 / LD	0.19 / 3 / LD		
28	0.87 / 1 / DP	0.17 / 3 / DP		
42	0.79 / 1 / DP	0.15 / 3 / DP		
56	0.74 / 1 / DP	0.14 / 3 / DP		
70	0.68 / 1 / DP	0.13 / 3 / DP		
84	0.57 / 1 / DP	0.11 / 3 / DP		
98	0.46 / 1 / DP	0.087 / 3 / DP		
119	0.4 / 1 / DP	0.076 / 3 / DP		
126	0.38 / 1 / DP	0.072 / 3 / DP		
140	0.33 / 1 / DP	0.063 / 3 / DP		
154	0.24 / 1 / DP	0.046 / 3 / DP		
182	0.19 / 1 / DP	0.036 / 3 / DP		
Animal ID 8 (36 mg/day / 1)				
21	8.3 / 1 / LD	1.6 / 3 / LD		
28	6.7 / 1 / DP	1.3 / 3 / DP		
42	6.4 / 1 / DP	1.2 / 3 / DP		
56	4.5 / 1 / DP	0.85 / 3 / DP		
70	4.8 / 1 / DP	0.91 / 3 / DP		
84	4.9 / 1 / DP	0.92 / 3 / DP		
98	3.0 / 1 / DP	0.58 / 3 / DP		
119	3.2 / 1 / DP	0.61 / 3 / DP		
126	2.7 / 1 / DP	0.52 / 3 / DP		
140	1.5 / 1 / DP	0.29 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dingle and Palmer, 1977

Australian Journal of Experimental Agriculture and Animal Husbandry. 17: 712

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
154	1.6 / 1 / DP	0.30 / 3 / DP		
182	1.9 / 1 / DP	0.36 / 3 / DP		
Animal ID 9 (216 mg/day / 1)				
21	42 / 1 / LD	8.0 / 3 / LD		
28	34.5 / 1 / DP	6.6 / 3 / DP		
42	33 / 1 / DP	6.3 / 3 / DP		
56	29 / 1 / DP	5.5 / 3 / DP		
70	27 / 1 / DP	5.1 / 3 / DP		
84	29 / 1 / DP	5.5 / 3 / DP		
98	25 / 1 / DP	4.8 / 3 / DP		
119	17 / 1 / DP	3.2 / 3 / DP		
126	21 / 1 / DP	3.9 / 3 / DP		
140	11 / 1 / DP	2.0 / 3 / DP		
154	14.5 / 1 / DP	2.8 / 3 / DP		
182	12 / 1 / DP	2.4 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dishburger et al., 1977

Journal of Agricultural and Food Chemistry. 25: 1325

chlorpyrifos

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 802 (24 mg/day / 3)				
30	0.01 / 1 / LD	0.0019 / 3 / LD		
30	0.02 / 1 / LD	0.0038 / 3 / LD		
Animal ID 817 (24 mg/day / 3)				
30	0.03 / 1 / LD	0.0057 / 3 / LD		
30	0.05 / 1 / LD	0.0095 / 3 / LD		
Animal ID 804 (80 mg/day / 3)				
30	0.16 / 1 / LD	0.02 / 1 / LD		
30	0.11 / 1 / LD			
Animal ID 807 (80 mg/day / 3)				
30	0.07 / 1 / LD	0.013 / 3 / LD		
30	0.08 / 1 / LD	0.015 / 3 / LD		
Animal ID 813 (80 mg/day / 3)				
30	0.11 / 1 / LD	0.021 / 3 / LD		
30	0.08 / 1 / LD	0.015 / 3 / LD		
Animal ID 805 (240 mg/day / 3)				
30	0.43 / 1 / LD	0.082 / 3 / LD		
30	0.21 / 1 / LD	0.040 / 3 / LD		
Animal ID 812 (240 mg/day / 3)				
30	0.59 / 1 / LD	0.01 / 1 / LD		
30	0.85 / 1 / LD			
Animal ID 820 (240 mg/day / 3)				
30	0.26 / 1 / LD	0.02 / 1 / LD		
30	0.35 / 1 / LD			
Animal ID 808 (800 mg/day / 3)				
30	2.9 / 1 / LD			
30	3.5 / 1 / LD	0.14 / 1 / LD		
Animal ID 811 (800 mg/day / 3)				
30	2.7 / 1 / LD			
30	4.4 / 1 / LD	0.23 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dishburger et al., 1977

Journal of Agricultural and Food Chemistry. 25: 1325

chlorpyrifos

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 815 (800 mg/day / 3)				
30	2.9 / 1 / LD	0.34 / 1 / LD		
30	2.3 / 1 / LD			
Animal ID 814 (800 mg/day / 3)				
37	1.2 / 1 / LD+7	0.22 / 3 / LD+7		
44	0.67 / 1 / DP	0.13 / 3 / DP		
51	0.58 / 1 / DP	0.11 / 3 / DP		
58	0.15 / 1 / DP	0.029 / 3 / DP		
65	0.04 / 1 / DP	0.0076 / 3 / DP		
Animal ID 816 (800 mg/day / 3)				
37	0.98 / 1 / LD+7	0.19 / 3 / LD+7		
44	0.15 / 1 / DP	0.029 / 3 / DP		
51	0.13 / 1 / DP	0.025 / 3 / DP		
58	0.07 / 1 / DP	0.013 / 3 / DP		
Animal ID 818 (800 mg/day / 3)				
37	0.66 / 1 / LD+7	0.13 / 3 / LD+7		
44	0.26 / 1 / DP	0.049 / 3 / DP		
51	0.09 / 1 / DP	0.017 / 3 / DP		
58	0.02 / 1 / DP	0.0038 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dorough and Hemken, 1973

Bulletin of Environmental Contamination and Toxicology. 10: 208

chlordane

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (23 mg/day / 3)				
3			0.19 / 1 / UP	0.0068 / 2 / UP
7			0.32 / 1 / UP	0.012 / 2 / UP
15			0.33 / 1 / UP	0.012 / 2 / UP
30	0.24 / 1 / UP	0.046 / 3 / UP	0.43 / 1 / UP	0.015 / 2 / UP
60	0.47 / 1 / LD	0.089 / 3 / LD	0.48 / 1 / LD	0.017 / 2 / LD
61			0.36 / 1 / DP	0.013 / 2 / DP
67			0.29 / 1 / DP	0.010 / 2 / DP
75			0.11 / 1 / DP	0.0040 / 2 / DP
90	0.45 / 1 / DP	0.085 / 3 / DP	0.08 / 1 / DP	0.0029 / 2 / DP
120			0.1 / 1 / DP	0.0036 / 2 / DP
Animal ID 2 (227 mg/day / 3)				
3			0.87 / 1 / UP	0.031 / 2 / UP
7			1.5 / 1 / UP	0.055 / 2 / UP
15			2.1 / 1 / UP	0.076 / 2 / UP
30	1.4 / 1 / UP	0.27 / 3 / UP	2.5 / 1 / UP	0.091 / 2 / UP
60	1.2 / 1 / LD	0.22 / 3 / LD	2.6 / 1 / LD	0.095 / 2 / LD
61			2.2 / 1 / DP	0.081 / 2 / DP
67			0.81 / 1 / DP	0.029 / 2 / DP
75			0.62 / 1 / DP	0.022 / 2 / DP
90	1.5 / 1 / DP	0.29 / 3 / DP	0.68 / 1 / DP	0.024 / 2 / DP
120			0.47 / 1 / DP	0.017 / 2 / DP
Animal ID 3 (2268 mg/day / 3)				
3			1.8 / 1 / UP	0.066 / 2 / UP
7			3.0 / 1 / UP	0.11 / 2 / UP
15			3.8 / 1 / UP	0.14 / 2 / UP
30	2.7 / 1 / UP	0.50 / 3 / UP	4.6 / 1 / UP	0.16 / 2 / UP
60	4.0 / 1 / LD	0.75 / 3 / LD	4.9 / 1 / LD	0.17 / 2 / LD
61			4.7 / 1 / DP	0.17 / 2 / DP
67			2.5 / 1 / DP	0.090 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dorough and Hemken, 1973

Bulletin of Environmental Contamination and Toxicology. 10: 208

chlordane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
75			1.5 / 1 / DP	0.055 / 2 / DP
90	3.0 / 1 / DP	0.57 / 3 / DP	1.4 / 1 / DP	0.050 / 2 / DP
120			1.3 / 1 / DP	0.045 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Dorough and Ivie, 1974

Journal of Environmental Quality. 3: 65

mirex

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (4 mg/day / 1)				
28			1.5 / 3 / LD	0.058 / 1 / LD
35			0.15 / 3 / DP	0.006 / 1 / DP
56			0.05 / 3 / DP	0.002 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Ely et al., 1954b

Journal of Dairy Science. 37: 294

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID N661 (240 mg/day / 1)				
44			95 / 3 / LD	3.8 / 1 / LD
52			45 / 3 / DP	1.8 / 1 / DP
Animal ID N669 (300 mg/day / 1)				
44			107.5 / 3 / LD	4.3 / 1 / LD
52			73 / 3 / DP	2.9 / 1 / DP
Animal ID N675 (420 mg/day / 1)				
44			160 / 3 / LD	6.4 / 1 / LD
52			82.5 / 3 / DP	3.3 / 1 / DP
Animal ID N171 (960 mg/day / 1)				
23			300 / 1 / UP	12 / 3 / UP
29	109.4 / 1 / LD	21 / 3 / LD	315 / 3 / LD	12.6 / 1 / LD

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID N803b (1000 mg/day / 1)				
40			327.5 / 3 / LD	13.1 / 1 / LD
Animal ID N803a (800 mg/day / 1)				
50			242.5 / 3 / LD	9.7 / 1 / LD
Animal ID N684b (600 mg/day / 1)				
40			165 / 3 / LD	6.6 / 1 / LD
Animal ID N684a (400 mg/day / 1)				
50			105 / 3 / LD	4.2 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Ely et al., 1955

Journal of Dairy Science. 38: 669

heptachlor epoxide

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID N193 (692.9 mg/day / 2)				
70			5 / 3 / LD	0.2 / 1 / LD
Animal ID N667 (1247 mg/day / 2)				
70			20 / 3 / LD	0.8 / 1 / LD
Animal ID N194 (1039 mg/day / 2)				
70			10 / 3 / LD	0.4 / 1 / LD
Animal ID N680 (1562 mg/day / 2)				
70			27.5 / 3 / LD	1.1 / 1 / LD
Animal ID N681 (1690 mg/day / 2)				
70			45 / 3 / LD	1.8 / 1 / LD
Animal ID N805 (2015 mg/day / 2)				
70			142.5 / 3 / LD	5.7 / 1 / LD

methoxychlor

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID N652 (8000 mg/day / 1)				
50			4.5 / 2 / LD	0.18 / 1 / LD
Animal ID N653 (10000 mg/day / 1)				
50			6.8 / 2 / LD	0.27 / 1 / LD
Animal ID N666 (12000 mg/day / 1)				
50			11 / 2 / LD	0.44 / 1 / LD
Animal ID N667 (15000 mg/day / 1)				
50			29 / 2 / LD	1.2 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Ely et al., 1957

Journal of Economic Entomology. 50: 348

endrin

Day	Beef fat	Beef tissue	Milk fat	Whole milk
		Concentration in mg/kg		
Animal ID N668 (200 mg/day / 1)				
64			1.3 / 3 / LD	0.05 / 1 / LD
Animal ID N675 (500 mg/day / 1)				
64			6.3 / 3 / LD	0.25 / 1 / LD
Animal ID N681 (400 mg/day / 1)				
2			5 / 3 / LD	0.2 / 1 / LD

endrin

Day	Beef fat	Beef tissue	Milk fat	Whole milk
		Concentration in mg/kg		
Animal ID N341 (43.9 mg/day / 1)				
48			3.3 / 3 / LD	0.13 / 1 / LD
Animal ID N666 (37.4 mg/day / 1)				
48			2.8 / 3 / LD	0.11 / 1 / LD
Animal ID N667 (33.4 mg/day / 1)				
48			4.5 / 3 / LD	0.18 / 1 / LD
Animal ID N668 (23.5 mg/day / 1)				
48			3.5 / 3 / LD	0.14 / 1 / LD
Animal ID N675 (20.5 mg/day / 1)				
48			2.3 / 3 / LD	0.09 / 1 / LD
Animal ID N681 (23.6 mg/day / 1)				
48			4.3 / 3 / LD	0.17 / 1 / LD
Animal ID N684 (28.7 mg/day / 1)				
48			5.3 / 3 / LD	0.21 / 1 / LD
Animal ID N649 (34.6 mg/day / 1)				
48			3.5 / 3 / LD	0.14 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Ely et al., 1952

Journal of Dairy Science. 35: 266

DDT

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID N327 (100 mg/day / 1)				
200			11.5 / 2 / LD	0.46 / 1 / LD
Animal ID N277 (500 mg/day / 1)				
190			70 / 2 / LD	2.8 / 1 / LD
Animal ID N618 (500 mg/day / 1)				
190			82.5 / 2 / LD	3.3 / 1 / LD
Animal ID N143 (1000 mg/day / 1)				
190			142.5 / 2 / LD	5.7 / 1 / LD
Animal ID N493 (2000 mg/day / 1)				
140			212.5 / 2 / LD	8.5 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Firestone et al., 1979

Journal of Agricultural and Food Chemistry. 27: 1171

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.48 mg/day / 1)				
70			0.2 / 1 / LD	0.008 / 2 / LD

HpCDD, 1,2,3,4,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (1.2 mg/day / 1)				
69	0.024 / 1 / LD-1	0.0046 / 3 / LD-1	0.039 / 1 / LD-1	0.0016 / 2 / LD-1
170	0.0066 / 1 / DP	0.0013 / 3 / DP	0.0069 / 1 / DP	2.8E-04 / 2 / DP
235	0.011 / 1 / DP	0.0021 / 3 / DP	0.0044 / 1 / DP	1.8E-04 / 2 / DP

HxCDD, 1,2,3,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.06 mg/day / 1)				
69	0.013 / 1 / LD-1	0.0025 / 3 / LD-1	0.019 / 1 / LD-1	7.6E-04 / 2 / LD-1
170	0.0025 / 1 / DP	4.8E-04 / 3 / DP	0.0043 / 1 / DP	1.7E-04 / 2 / DP
235	0.0048 / 1 / DP	9.1E-04 / 3 / DP	0.0022 / 1 / DP	8.8E-05 / 2 / DP

OCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (4.1 mg/day / 1)				
69	0.032 / 1 / LD-1	0.0061 / 3 / LD-1	0.024 / 1 / LD-1	9.6E-04 / 2 / LD-1
170	0.0056 / 1 / DP	0.0011 / 3 / DP	0.003 / 1 / DP	1.2E-04 / 2 / DP
235	0.0061 / 1 / DP	0.0012 / 3 / DP	0.0033 / 1 / DP	1.3E-04 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Firestone et al., 1979

Journal of Agricultural and Food Chemistry. 27: 1171

pentachlorophenol

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5986 mg/day / 2)				
18			100 / 2 / UP	4 / 1 / UP
60			100 / 2 / LD-10	4 / 1 / LD-10

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries and Marrow, 1976

Journal of Dairy Science. 59: 475

DDE

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5 mg/day / 1)				
60	1.9 / 1 / LD	0.36 / 3 / LD	1.8 / 1 / LD	0.072 / 3 / LD
75			1.0 / 1 / DP	0.040 / 3 / DP
Animal ID 2 (5 mg/day / 1)				
60	1.2 / 1 / LD	0.22 / 3 / LD	2.2 / 1 / LD	0.088 / 3 / LD
75			0.88 / 1 / DP	0.035 / 3 / DP
Animal ID 3 (5 mg/day / 1)				
60	1.0 / 1 / LD	0.20 / 3 / LD	2.1 / 1 / LD	0.082 / 3 / LD
75			0.97 / 1 / DP	0.039 / 3 / DP
Animal ID 4 (25 mg/day / 1)				
60	10 / 1 / LD	1.9 / 3 / LD		
Animal ID 5 (25 mg/day / 1)				
40			9.1 / 1 / UP	0.36 / 3 / UP
60	7.9 / 1 / LD	1.5 / 3 / LD	10.4 / 1 / LD	0.42 / 3 / LD
75			5.6 / 1 / DP	0.22 / 3 / DP
Animal ID 6 (25 mg/day / 1)				
40			6.6 / 1 / UP	0.27 / 3 / UP
60	5.8 / 1 / LD	1.1 / 3 / LD	7.6 / 1 / LD	0.30 / 3 / LD
75			3.6 / 1 / DP	0.14 / 3 / DP

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5 mg/day / 1)				
60	2.1 / 1 / LD	0.40 / 3 / LD	2.1 / 1 / LD	0.084 / 3 / LD
75			1.5 / 1 / DP	0.06 / 3 / DP
Animal ID 2 (5 mg/day / 1)				
60	2.0 / 1 / LD	0.39 / 3 / LD	2.5 / 1 / LD	0.10 / 3 / LD
75			1.5 / 1 / DP	0.061 / 3 / DP
Animal ID 3 (5 mg/day / 1)				
60	1.6 / 1 / LD	0.30 / 3 / LD	2.2 / 1 / LD	0.086 / 3 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries and Marrow, 1976

Journal of Dairy Science. 59: 475

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
75			1.4 / 1 / DP	0.058 / 3 / DP
Animal ID 4 (25 mg/day / 1)				
60	11 / 1 / LD	2.2 / 3 / LD		
Animal ID 5 (25 mg/day / 1)				
60	8.6 / 1 / LD	1.6 / 3 / LD	9.9 / 1 / LD	0.39 / 3 / LD
75			7.1 / 1 / DP	0.28 / 3 / DP
Animal ID 6 (25 mg/day / 1)				
60	6.3 / 1 / LD	1.2 / 3 / LD	7.0 / 1 / LD	0.28 / 3 / LD
75			4.7 / 1 / DP	0.19 / 3 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries et al., 1973

Journal of Agricultural and Food Chemistry. 21: 117

aroclor 1254

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (200 mg/day / 1)				
60	34.5 / 1 / LD	6.6 / 3 / LD	59.2 / 1 / LD	2.4 / 2 / LD
75			25.5 / 1 / DP	1.0 / 2 / DP
Animal ID 2 (200 mg/day / 1)				
60	39 / 1 / LD	7.4 / 3 / LD	58.3 / 1 / LD	2.4 / 2 / LD
75			26.2 / 1 / DP	1.1 / 2 / DP
Animal ID 3 (200 mg/day / 1)				
60	39.5 / 1 / LD	7.5 / 3 / LD	57.9 / 1 / LD	2.5 / 2 / LD
75			26.1 / 1 / DP	1.1 / 2 / DP
Animal ID 4 (200 mg/day / 1)				
60	25.3 / 1 / LD	4.8 / 3 / LD	60.1 / 1 / LD	2.3 / 2 / LD
75			21.6 / 1 / DP	0.84 / 2 / DP
Animal ID 5 (200 mg/day / 1)				
60	54 / 1 / LD	10 / 3 / LD	64.2 / 1 / LD	2.7 / 2 / LD
75			29.5 / 1 / DP	1.2 / 2 / DP
Animal ID 6 (200 mg/day / 1)				
60	53.2 / 1 / LD	10 / 3 / LD	63.8 / 1 / LD	2.4 / 2 / LD
75			30.6 / 1 / DP	1.2 / 2 / DP
Animal ID 7 (200 mg/day / 1)				
60	37.1 / 1 / LD	7.0 / 3 / LD	56.6 / 1 / LD	2.2 / 2 / LD
75			23.8 / 1 / DP	0.93 / 2 / DP
Animal ID 8 (200 mg/day / 1)				
60	32.3 / 1 / LD	6.1 / 3 / LD	57.6 / 1 / LD	2.0 / 2 / LD
75			24.2 / 1 / DP	0.85 / 2 / DP
Animal ID 9 (200 mg/day / 1)				
60	60.2 / 1 / LD	11 / 3 / LD	70.6 / 1 / LD	2.4 / 2 / LD
75			36 / 1 / DP	1.2 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries and Marrow, 1977

Journal of Animal Science. 45: 1160

DDE

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (28.8 mg/day / 1)				
14	2.9 / 1 / UP	0.51 / 2 / UP		
14	3.4 / 1 / UP	0.35 / 2 / UP		
14	3.3 / 1 / UP	0.72 / 2 / UP		
14	2.7 / 1 / UP	0.86 / 2 / UP		
14	2.9 / 1 / UP	0.32 / 2 / UP		
14	2.6 / 1 / UP	0.27 / 2 / UP		
14	3.0 / 1 / UP	0.49 / 2 / UP		
14	2.8 / 1 / UP	0.21 / 2 / UP		
14	2.5 / 1 / UP	0.38 / 2 / UP		
28	4.7 / 1 / LD	0.36 / 2 / LD		
28	4.9 / 1 / LD	0.74 / 2 / LD		
28	5.2 / 1 / LD	0.58 / 2 / LD		
28	4.7 / 1 / LD	0.50 / 2 / LD		
28	5.2 / 1 / LD	1.6 / 2 / LD		
28	5.3 / 1 / LD	0.87 / 2 / LD		
28	5.3 / 1 / LD	0.94 / 2 / LD		
28	5.3 / 1 / LD	1.2 / 2 / LD		
28	5.5 / 1 / LD	0.57 / 2 / LD		
42	4.7 / 1 / DP	0.71 / 2 / DP		
42	4.6 / 1 / DP	0.52 / 2 / DP		
42	4.6 / 1 / DP	0.75 / 2 / DP		
42	4.8 / 1 / DP	1.5 / 2 / DP		
42	4.4 / 1 / DP	0.47 / 2 / DP		
42	5.0 / 1 / DP	0.89 / 2 / DP		
42	4.3 / 1 / DP	0.94 / 2 / DP		
42	4.3 / 1 / DP	0.45 / 2 / DP		
42	4.3 / 1 / DP	0.33 / 2 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries and Marrow, 1977

Journal of Animal Science. 45: 1160

hexachlorobenzene

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (28.8 mg/day / 1)				
14	3.0 / 1 / UP	0.34 / 2 / UP		
14	3.2 / 1 / UP	0.34 / 2 / UP		
14	3.0 / 1 / UP	0.50 / 2 / UP		
14	3.0 / 1 / UP	0.54 / 2 / UP		
14	3.4 / 1 / UP	0.73 / 2 / UP		
14	2.9 / 1 / UP	0.44 / 2 / UP		
14	3.0 / 1 / UP	0.23 / 2 / UP		
14	2.9 / 1 / UP	0.31 / 2 / UP		
14	3.1 / 1 / UP	0.95 / 2 / UP		
28	5.7 / 1 / LD	1.2 / 2 / LD		
28	5.7 / 1 / LD	1.0 / 2 / LD		
28	5.9 / 1 / LD	1.8 / 2 / LD		
28	6.0 / 1 / LD	0.63 / 2 / LD		
28	5.7 / 1 / LD	0.64 / 2 / LD		
28	5.7 / 1 / LD	0.86 / 2 / LD		
28	5.6 / 1 / LD	0.91 / 2 / LD		
28	5.3 / 1 / LD	0.41 / 2 / LD		
28	5.5 / 1 / LD	0.58 / 2 / LD		
42	4.6 / 1 / DP	1.00 / 2 / DP		
42	4.7 / 1 / DP	0.50 / 2 / DP		
42	4.7 / 1 / DP	0.49 / 2 / DP		
42	4.9 / 1 / DP	0.79 / 2 / DP		
42	5.1 / 1 / DP	0.78 / 2 / DP		
42	5.4 / 1 / DP	1.7 / 2 / DP		
42	4.8 / 1 / DP	0.54 / 2 / DP		
42	5.5 / 1 / DP	0.98 / 2 / DP		
42	4.5 / 1 / DP	0.34 / 2 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries et al., 1969

Jounal of Dairy Science. 52: 1800

DDD

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 4 (25 mg/day / 1)				
60			1.6 / 1 / LD	0.064 / 3 / LD
Animal ID 5 (25 mg/day / 1)				
60			1.9 / 1 / LD	0.074 / 3 / LD
Animal ID 6 (25 mg/day / 1)				
60			2.0 / 1 / LD	0.078 / 3 / LD

DDE

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 7 (25 mg/day / 1)				
60			5.8 / 1 / LD	0.23 / 3 / LD
Animal ID 8 (25 mg/day / 1)				
60			8.1 / 1 / LD	0.32 / 3 / LD
Animal ID 9 (25 mg/day / 1)				
60			6.4 / 1 / LD	0.26 / 3 / LD

DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (25 mg/day / 1)				
60			0.5 / 1 / LD	0.02 / 3 / LD
Animal ID 2 (25 mg/day / 1)				
60			0.62 / 1 / LD	0.025 / 3 / LD
Animal ID 3 (25 mg/day / 1)				
60			0.39 / 1 / LD	0.016 / 3 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Fries et al., 1971

Jounal of Dairy Science. 54: 1870

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 2 (100 mg/day / 1)				
20			2.5 / 1 / LD	0.099 / 3 / LD
35			0.73 / 1 / DP	0.029 / 3 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959c

Journal of Agricultural and Food Chemistry. 7: 826

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.8 mg/day / 3)				
84	0.3 / 1 / LD	0.057 / 3 / LD		
126	0.3 / 1 / DP	0.057 / 3 / DP		
Animal ID 2 (2 mg/day / 3)				
84	0.8 / 1 / LD	0.15 / 3 / LD		
126	0.7 / 1 / DP	0.13 / 3 / DP		
Animal ID 3 (6 mg/day / 3)				
84	3 / 1 / LD	0.57 / 3 / LD		
126	3.4 / 1 / DP	0.65 / 3 / DP		
Animal ID 4 (18 mg/day / 3)				
84	7.8 / 1 / LD	1.5 / 3 / LD		
126	4.9 / 1 / DP	0.93 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

Journal of Agricultural and Food Chemistry. 7: 829

DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 11 (3200 mg/day / 3)				
1			16 / 2 / UP	0.65 / 1 / UP
2			70 / 2 / UP	2.8 / 1 / UP
3			74 / 2 / UP	3.0 / 1 / UP
7			92 / 2 / UP	3.7 / 1 / UP
14			80 / 2 / UP	3.2 / 1 / UP
28			81 / 2 / UP	3.2 / 1 / UP
42			115.5 / 2 / UP	4.6 / 1 / UP
49			91 / 2 / UP	3.6 / 1 / UP
56			148 / 2 / UP	5.9 / 1 / UP
63			141.5 / 2 / UP	5.7 / 1 / UP
70			113 / 2 / UP	4.5 / 1 / UP
77			133 / 2 / UP	5.3 / 1 / UP
84			152 / 2 / UP	6.1 / 1 / UP
91			114.5 / 2 / UP	4.6 / 1 / UP
98			135 / 2 / UP	5.4 / 1 / UP
105			113 / 2 / UP	4.5 / 1 / UP
112			150 / 2 / LD	6 / 1 / LD
113			115 / 2 / DP	4.6 / 1 / DP
116			53 / 2 / DP	2.1 / 1 / DP
119			40 / 2 / DP	1.6 / 1 / DP
122			26 / 2 / DP	1.1 / 1 / DP
125			21 / 2 / DP	0.83 / 1 / DP
128			16.5 / 2 / DP	0.66 / 1 / DP
Animal ID 12 (1600 mg/day / 3)				
1			13 / 2 / UP	0.52 / 1 / UP
2			52 / 2 / UP	2.1 / 1 / UP
3			51 / 2 / UP	2.0 / 1 / UP
7			48 / 2 / UP	1.9 / 1 / UP
14			82 / 2 / UP	3.3 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

Journal of Agricultural and Food Chemistry. 7: 829

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
28			65 / 2 / UP	2.6 / 1 / UP
42			82 / 2 / UP	3.3 / 1 / UP
49			91 / 2 / UP	3.7 / 1 / UP
56			117 / 2 / UP	4.7 / 1 / UP
63			108 / 2 / UP	4.3 / 1 / UP
70			114.5 / 2 / UP	4.6 / 1 / UP
77			95 / 2 / UP	3.8 / 1 / UP
84			115 / 2 / UP	4.6 / 1 / UP
91			99 / 2 / UP	4.0 / 1 / UP
98			96.5 / 2 / UP	3.9 / 1 / UP
105			84 / 2 / UP	3.4 / 1 / UP
112	65.4 / 1 / LD	12 / 3 / LD	101.5 / 2 / LD	4.1 / 1 / LD
Animal ID 13 (400 mg/day / 3)				
7			14.5 / 2 / UP	0.58 / 1 / UP
14			18 / 2 / UP	0.73 / 1 / UP
28			25 / 2 / UP	1.0 / 1 / UP
42			31 / 2 / UP	1.3 / 1 / UP
49			43.5 / 2 / UP	1.7 / 1 / UP
56			54.5 / 2 / UP	2.2 / 1 / UP
63			39 / 2 / UP	1.6 / 1 / UP
70			54 / 2 / UP	2.2 / 1 / UP
77			58 / 2 / UP	2.3 / 1 / UP
84			66 / 2 / UP	2.6 / 1 / UP
91			53 / 2 / UP	2.1 / 1 / UP
98			68 / 2 / UP	2.7 / 1 / UP
105			55 / 2 / UP	2.2 / 1 / UP
112			57 / 2 / LD	2.3 / 1 / LD
113			63 / 2 / DP	2.5 / 1 / DP
116			28 / 2 / DP	1.1 / 1 / DP
119			22 / 2 / DP	0.88 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

Journal of Agricultural and Food Chemistry. 7: 829

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
122			15 / 2 / DP	0.6 / 1 / DP
125			9.8 / 2 / DP	0.39 / 1 / DP
128			4 / 2 / DP	0.16 / 1 / DP
Animal ID 14 (160 mg/day / 3)				
7			7 / 2 / UP	0.28 / 1 / UP
14			8.3 / 2 / UP	0.33 / 1 / UP
28			8.3 / 2 / UP	0.33 / 1 / UP
42			12 / 2 / UP	0.47 / 1 / UP
49			14 / 2 / UP	0.57 / 1 / UP
56			12 / 2 / UP	0.48 / 1 / UP
63			13 / 2 / UP	0.52 / 1 / UP
70			15 / 2 / UP	0.61 / 1 / UP
77			11 / 2 / UP	0.44 / 1 / UP
84			15 / 2 / UP	0.6 / 1 / UP
91			16.5 / 2 / UP	0.66 / 1 / UP
98			16 / 2 / UP	0.64 / 1 / UP
105			15 / 2 / UP	0.59 / 1 / UP
112			16 / 2 / LD	0.63 / 1 / LD
113			18 / 2 / DP	0.73 / 1 / DP
116			12 / 2 / DP	0.49 / 1 / DP
119			9 / 2 / DP	0.36 / 1 / DP
122			1.3 / 2 / DP	0.05 / 1 / DP

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 4 (1.6 mg/day / 3)				
56			0.25 / 2 / UP	0.01 / 1 / UP
84	0.2 / 1 / LD	0.038 / 3 / LD	0.5 / 2 / LD	0.02 / 1 / LD
112			0.75 / 2 / DP	0.03 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959a

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dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
126	0.3 / 1 / DP	0.057 / 3 / DP		
Animal ID 5 (4 mg/day / 3)				
7			0.5 / 2 / UP	0.02 / 1 / UP
14			0.5 / 2 / UP	0.02 / 1 / UP
28			0.5 / 2 / UP	0.02 / 1 / UP
56			0.75 / 2 / UP	0.03 / 1 / UP
84	0.9 / 1 / LD	0.17 / 3 / LD	1.5 / 2 / LD	0.06 / 1 / LD
112			0.5 / 2 / DP	0.02 / 1 / DP
126	0.4 / 1 / DP	0.076 / 3 / DP	0.25 / 2 / DP	0.01 / 1 / DP
Animal ID 6 (12 mg/day / 3)				
3			1 / 2 / UP	0.04 / 1 / UP
7			1 / 2 / UP	0.04 / 1 / UP
14			1.5 / 2 / UP	0.06 / 1 / UP
28			1.8 / 2 / UP	0.07 / 1 / UP
56			2.8 / 2 / UP	0.11 / 1 / UP
84	1.7 / 1 / LD	0.32 / 3 / LD	2.8 / 2 / LD	0.11 / 1 / LD
112			3.8 / 2 / DP	0.15 / 1 / DP
126	0.9 / 1 / DP	0.17 / 3 / DP	1 / 2 / DP	0.04 / 1 / DP
Animal ID 7 (36 mg/day / 3)				
3			1.5 / 2 / UP	0.06 / 1 / UP
7			4 / 2 / UP	0.16 / 1 / UP
14			4.3 / 2 / UP	0.17 / 1 / UP
28			4 / 2 / UP	0.16 / 1 / UP
56			4.5 / 2 / UP	0.18 / 1 / UP
84	4.8 / 1 / LD	0.91 / 3 / LD	7 / 2 / LD	0.28 / 1 / LD
112			5.3 / 2 / DP	0.21 / 1 / DP
126	3.8 / 1 / DP	0.72 / 3 / DP	1 / 2 / DP	0.04 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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dieldrin

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (640 mg/day / 3)				
1			1.5 / 2 / UP	0.06 / 1 / UP
2			37 / 2 / UP	1.5 / 1 / UP
3			70.5 / 2 / UP	2.8 / 1 / UP
7			130.5 / 2 / UP	5.2 / 1 / UP
14			245 / 2 / UP	9.8 / 1 / UP
28			250 / 2 / UP	10 / 1 / UP
42			311.5 / 2 / UP	12 / 1 / UP
49			307 / 2 / UP	12 / 1 / UP
56			374 / 2 / UP	15 / 1 / UP
70			386 / 2 / UP	15 / 1 / UP
77			341.5 / 2 / UP	14 / 1 / UP
91			344 / 2 / UP	14 / 1 / UP
98			364 / 2 / UP	15 / 1 / UP
105			349 / 2 / UP	14 / 1 / UP
112			402.5 / 2 / LD	16.1 / 1 / LD
113			300 / 2 / DP	12 / 1 / DP
119			227 / 2 / DP	9.1 / 1 / DP
126			125 / 2 / DP	5 / 1 / DP
133			24.5 / 2 / DP	0.98 / 1 / DP
140			19 / 2 / DP	0.77 / 1 / DP
147			18 / 2 / DP	0.73 / 1 / DP
Animal ID 2 (160 mg/day / 3)				
2			7.8 / 2 / UP	0.31 / 1 / UP
3			20.5 / 2 / UP	0.82 / 1 / UP
7			29.5 / 2 / UP	1.2 / 1 / UP
14			26 / 2 / UP	1.0 / 1 / UP
28			67 / 2 / UP	2.7 / 1 / UP
42			60 / 2 / UP	2.4 / 1 / UP
49			55.5 / 2 / UP	2.2 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
56			60 / 2 / UP	2.4 / 1 / UP
70			63 / 2 / UP	2.5 / 1 / UP
84			61 / 2 / UP	2.5 / 1 / UP
91			59 / 2 / UP	2.4 / 1 / UP
98			52 / 2 / UP	2.1 / 1 / UP
105			48.5 / 2 / UP	1.9 / 1 / UP
112	32 / 1 / LD	6.0 / 3 / LD	85.5 / 2 / LD	3.4 / 1 / LD
Animal ID 3 (16 mg/day / 3)				
3			2.3 / 2 / UP	0.09 / 1 / UP
7			3 / 2 / UP	0.12 / 1 / UP
14			4.5 / 2 / UP	0.18 / 1 / UP
28			8 / 2 / UP	0.32 / 1 / UP
42			6.8 / 2 / UP	0.27 / 1 / UP
49			7 / 2 / UP	0.28 / 1 / UP
56			8.3 / 2 / UP	0.33 / 1 / UP
70			9.8 / 2 / UP	0.39 / 1 / UP
77			8.3 / 2 / UP	0.33 / 1 / UP
84			8.3 / 2 / UP	0.33 / 1 / UP
91			8.8 / 2 / UP	0.35 / 1 / UP
98			9.3 / 2 / UP	0.37 / 1 / UP
105			8.8 / 2 / UP	0.35 / 1 / UP
112			10 / 2 / LD	0.41 / 1 / LD
113			9.8 / 2 / DP	0.39 / 1 / DP
119			8.8 / 2 / DP	0.35 / 1 / DP
126			5.8 / 2 / DP	0.23 / 1 / DP
133			4.8 / 2 / DP	0.19 / 1 / DP
140			4.5 / 2 / DP	0.18 / 1 / DP
147			3 / 2 / DP	0.12 / 1 / DP
151			2 / 2 / DP	0.08 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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dieldrin

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 4 (1200 mg/day / 3)				
1			1.8 / 2 / UP	0.07 / 1 / UP
2			4.3 / 2 / UP	0.17 / 1 / UP
7			40 / 2 / UP	1.6 / 1 / UP
14			58 / 2 / UP	2.3 / 1 / UP
28			167 / 2 / UP	6.7 / 1 / UP
42			230 / 2 / UP	9.2 / 1 / UP
56			308 / 2 / UP	12 / 1 / UP
70			325.5 / 2 / UP	13 / 1 / UP
84			322 / 2 / UP	13 / 1 / UP
98			334 / 2 / UP	13 / 1 / UP
112			334 / 2 / LD	13 / 1 / LD
Animal ID 5 (800 mg/day / 3)				
1			2 / 2 / UP	0.08 / 1 / UP
2			3.8 / 2 / UP	0.15 / 1 / UP
3			53 / 2 / UP	2.1 / 1 / UP
7			54.5 / 2 / UP	2.2 / 1 / UP
14			89 / 2 / UP	3.6 / 1 / UP
28			96.5 / 2 / UP	3.9 / 1 / UP
42			223 / 2 / UP	8.9 / 1 / UP
49			223.5 / 2 / UP	8.9 / 1 / UP
56			258 / 2 / UP	10 / 1 / UP
70			205.5 / 2 / UP	8.2 / 1 / UP
77			252 / 2 / UP	10 / 1 / UP
84			235 / 2 / UP	9.4 / 1 / UP
91			237 / 2 / UP	9.5 / 1 / UP
98			277.5 / 2 / UP	11.1 / 1 / UP
105			302.5 / 2 / UP	12.1 / 1 / UP
112	123.7 / 1 / LD	24 / 3 / LD	274 / 2 / LD	11 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 6 (160 mg/day / 3)				
2			2.3 / 2 / UP	0.09 / 1 / UP
3			7.8 / 2 / UP	0.31 / 1 / UP
7			27.5 / 2 / UP	1.1 / 1 / UP
14			30.5 / 2 / UP	1.2 / 1 / UP
28			32 / 2 / UP	1.3 / 1 / UP
42			41.5 / 2 / UP	1.7 / 1 / UP
49			40.5 / 2 / UP	1.6 / 1 / UP
56			29 / 2 / UP	1.2 / 1 / UP
70			29.5 / 2 / UP	1.2 / 1 / UP
77			26 / 2 / UP	1.0 / 1 / UP
84			30 / 2 / UP	1.2 / 1 / UP
91			30.5 / 2 / UP	1.2 / 1 / UP
98			43 / 2 / UP	1.7 / 1 / UP
105			34 / 2 / UP	1.4 / 1 / UP
112			44.5 / 2 / LD	1.8 / 1 / LD
113			31.5 / 2 / DP	1.3 / 1 / DP
119			19 / 2 / DP	0.76 / 1 / DP
126			17 / 2 / DP	0.69 / 1 / DP
133			12 / 2 / DP	0.47 / 1 / DP
140			8.5 / 2 / DP	0.34 / 1 / DP
147			7 / 2 / DP	0.28 / 1 / DP
151			4.8 / 2 / DP	0.19 / 1 / DP

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 7 (3200 mg/day / 3)				
1			3.8 / 2 / UP	0.15 / 1 / UP
2			8 / 2 / UP	0.32 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
3			16 / 2 / UP	0.64 / 1 / UP
7			35 / 2 / UP	1.4 / 1 / UP
14			45 / 2 / UP	1.8 / 1 / UP
28			47 / 2 / UP	1.9 / 1 / UP
42			57 / 2 / UP	2.3 / 1 / UP
49			69 / 2 / UP	2.8 / 1 / UP
56			80 / 2 / UP	3.2 / 1 / UP
70			97 / 2 / UP	3.9 / 1 / UP
84			93 / 2 / UP	3.7 / 1 / UP
91			105 / 2 / UP	4.2 / 1 / UP
98			105 / 2 / UP	4.2 / 1 / UP
105			107 / 2 / UP	4.3 / 1 / UP
112			103.5 / 2 / LD	4.1 / 1 / LD
113			98 / 2 / DP	3.9 / 1 / DP
115			99 / 2 / DP	4.0 / 1 / DP
117			87.5 / 2 / DP	3.5 / 1 / DP
119			83 / 2 / DP	3.3 / 1 / DP
121			84 / 2 / DP	3.4 / 1 / DP
123			80 / 2 / DP	3.2 / 1 / DP
125			77 / 2 / DP	3.1 / 1 / DP
127			55 / 2 / DP	2.2 / 1 / DP
129			45 / 2 / DP	1.8 / 1 / DP
Animal ID 8 (1600 mg/day / 3)				
1			1.8 / 2 / UP	0.07 / 1 / UP
2			3.3 / 2 / UP	0.13 / 1 / UP
3			3.8 / 2 / UP	0.15 / 1 / UP
7			15 / 2 / UP	0.6 / 1 / UP
14			15 / 2 / UP	0.6 / 1 / UP
28			20 / 2 / UP	0.81 / 1 / UP
42			35 / 2 / UP	1.4 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
49			23 / 2 / UP	0.93 / 1 / UP
70			29 / 2 / UP	1.2 / 1 / UP
84			30 / 2 / UP	1.2 / 1 / UP
91			35 / 2 / UP	1.4 / 1 / UP
98			43 / 2 / UP	1.7 / 1 / UP
105			27 / 2 / UP	1.1 / 1 / UP
112	17 / 1 / LD	3.3 / 3 / LD	46.5 / 2 / LD	1.9 / 1 / LD
Animal ID 9 (1200 mg/day / 3)				
3			1.8 / 2 / UP	0.07 / 1 / UP
7			8 / 2 / UP	0.32 / 1 / UP
14			9 / 2 / UP	0.36 / 1 / UP
28			11 / 2 / UP	0.44 / 1 / UP
42			13 / 2 / UP	0.53 / 1 / UP
49			13 / 2 / UP	0.51 / 1 / UP
56			20 / 2 / UP	0.79 / 1 / UP
70			22 / 2 / UP	0.87 / 1 / UP
84			23 / 2 / UP	0.92 / 1 / UP
91			31 / 2 / UP	1.3 / 1 / UP
98			34 / 2 / UP	1.4 / 1 / UP
105			24 / 2 / UP	0.97 / 1 / UP
112			38 / 2 / LD	1.5 / 1 / LD
113			37.5 / 2 / DP	1.5 / 1 / DP
115			33 / 2 / DP	1.3 / 1 / DP
117			31 / 2 / DP	1.3 / 1 / DP
119			26 / 2 / DP	1.0 / 1 / DP
121			21 / 2 / DP	0.85 / 1 / DP
123			20 / 2 / DP	0.81 / 1 / DP
125			20 / 2 / DP	0.79 / 1 / DP
127			15 / 2 / DP	0.61 / 1 / DP
129			11 / 2 / DP	0.44 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 10 (800 mg/day / 3)				
3			1.3 / 2 / UP	0.05 / 1 / UP
7			6 / 2 / UP	0.24 / 1 / UP
14			7.3 / 2 / UP	0.29 / 1 / UP
28			9.8 / 2 / UP	0.39 / 1 / UP
42			12 / 2 / UP	0.47 / 1 / UP
49			9.8 / 2 / UP	0.39 / 1 / UP
56			10 / 2 / UP	0.41 / 1 / UP
70			17 / 2 / UP	0.69 / 1 / UP
84			16 / 2 / UP	0.63 / 1 / UP
91			21 / 2 / UP	0.84 / 1 / UP
98			31 / 2 / UP	1.2 / 1 / UP
105			23 / 2 / UP	0.91 / 1 / UP
112			28 / 2 / LD	1.1 / 1 / LD
113			27.5 / 2 / DP	1.1 / 1 / DP
115			26 / 2 / DP	1.0 / 1 / DP
117			24 / 2 / DP	0.97 / 1 / DP
119			21.5 / 2 / DP	0.86 / 1 / DP
121			19.5 / 2 / DP	0.78 / 1 / DP
123			16 / 2 / DP	0.64 / 1 / DP
125			15 / 2 / DP	0.6 / 1 / DP
127			12.5 / 2 / DP	0.5 / 1 / DP
129			6.3 / 2 / DP	0.25 / 1 / DP

methoxychlor

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 15 (112000 mg/day / 3)				
3			15 / 2 / UP	0.6 / 1 / UP
7			21 / 2 / UP	0.83 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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methoxychlor

Day	Concentration in mg/kg			
	Beef fat	Beef tissue	Milk fat	Whole milk
14			21 / 2 / UP	0.85 / 1 / UP
28			27 / 2 / UP	1.1 / 1 / UP
42			16 / 2 / UP	0.65 / 1 / UP
49			14 / 2 / UP	0.55 / 1 / UP
56			39 / 2 / UP	1.6 / 1 / UP
63			31 / 2 / UP	1.2 / 1 / UP
70			46 / 2 / UP	1.9 / 1 / UP
77			33 / 2 / UP	1.3 / 1 / UP
84			50 / 2 / UP	2.0 / 1 / UP
91			56 / 2 / UP	2.3 / 1 / UP
98			59 / 2 / UP	2.4 / 1 / UP
105			21.5 / 2 / UP	0.86 / 1 / UP
112			53.5 / 2 / LD	2.1 / 1 / LD
113			10 / 2 / DP	0.4 / 1 / DP
115			2.8 / 2 / DP	0.11 / 1 / DP
117			2.3 / 2 / DP	0.09 / 1 / DP
119			1.8 / 2 / DP	0.07 / 1 / DP
121			1.8 / 2 / DP	0.07 / 1 / DP
123			1.5 / 2 / DP	0.06 / 1 / DP
125			1 / 2 / DP	0.04 / 1 / DP
127			1.3 / 2 / DP	0.05 / 1 / DP
Animal ID 16 (64000 mg/day / 3)				
2			2.5 / 2 / UP	0.1 / 1 / UP
3			3.8 / 2 / UP	0.15 / 1 / UP
7			11 / 2 / UP	0.43 / 1 / UP
14			8.5 / 2 / UP	0.34 / 1 / UP
28			9 / 2 / UP	0.36 / 1 / UP
42			9.5 / 2 / UP	0.38 / 1 / UP
49			11 / 2 / UP	0.44 / 1 / UP
56			9.5 / 2 / UP	0.38 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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methoxychlor

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
63			8 / 2 / UP	0.32 / 1 / UP
70			20 / 2 / UP	0.8 / 1 / UP
77			22 / 2 / UP	0.87 / 1 / UP
84			14 / 2 / UP	0.56 / 1 / UP
91			11 / 2 / UP	0.43 / 1 / UP
98			12.5 / 2 / UP	0.5 / 1 / UP
105			7.3 / 2 / UP	0.29 / 1 / UP
112	4.9 / 1 / LD	0.94 / 3 / LD	13 / 2 / LD	0.51 / 1 / LD
Animal ID 17 (16000 mg/day / 3)				
3			1.8 / 2 / UP	0.07 / 1 / UP
7			5.3 / 2 / UP	0.21 / 1 / UP
14			4 / 2 / UP	0.16 / 1 / UP
28			2.8 / 2 / UP	0.11 / 1 / UP
42			3.3 / 2 / UP	0.13 / 1 / UP
49			3.3 / 2 / UP	0.13 / 1 / UP
56			3 / 2 / UP	0.12 / 1 / UP
63			1.3 / 2 / UP	0.05 / 1 / UP
70			1 / 2 / UP	0.04 / 1 / UP
77			3 / 2 / UP	0.12 / 1 / UP
84			2 / 2 / UP	0.08 / 1 / UP
91			4 / 2 / UP	0.16 / 1 / UP
98			4.3 / 2 / UP	0.17 / 1 / UP
105			4.3 / 2 / UP	0.17 / 1 / UP
112			4.8 / 2 / LD	0.19 / 1 / LD
113			2.8 / 2 / DP	0.11 / 1 / DP
115			2 / 2 / DP	0.08 / 1 / DP
117			0.75 / 2 / DP	0.03 / 1 / DP
123			0.75 / 2 / DP	0.03 / 1 / DP
125			0.5 / 2 / DP	0.02 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gannon et al., 1959b

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methoxychlor

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 18 (12800 mg/day / 3)				
3			2 / 2 / UP	0.08 / 1 / UP
7			4.3 / 2 / UP	0.17 / 1 / UP
14			1.5 / 2 / UP	0.06 / 1 / UP
28			1.5 / 2 / UP	0.06 / 1 / UP
42			1.8 / 2 / UP	0.07 / 1 / UP
49			3.8 / 2 / UP	0.15 / 1 / UP
56			3.3 / 2 / UP	0.13 / 1 / UP
63			1.8 / 2 / UP	0.07 / 1 / UP
70			2 / 2 / UP	0.08 / 1 / UP
77			2.3 / 2 / UP	0.09 / 1 / UP
84			1.5 / 2 / UP	0.06 / 1 / UP
91			3.3 / 2 / UP	0.13 / 1 / UP
98			1.5 / 2 / UP	0.06 / 1 / UP
105			4.5 / 2 / UP	0.18 / 1 / UP
112			3.3 / 2 / LD	0.13 / 1 / LD
113			2.5 / 2 / DP	0.1 / 1 / DP
115			0.75 / 2 / DP	0.03 / 1 / DP
117			1.8 / 2 / DP	0.07 / 1 / DP
119			0.25 / 2 / DP	0.01 / 1 / DP
121			1.8 / 2 / DP	0.07 / 1 / DP
123			0.25 / 2 / DP	0.01 / 1 / DP
125			1 / 2 / DP	0.04 / 1 / DP
127			0.5 / 2 / DP	0.02 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gaughan et al., 1978

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permethrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (352 mg/day / 2)				
3			0.5 / 3 / LD	0.02 / 1 / LD
Animal ID 2 (404 mg/day / 2)				
3			6.3 / 3 / LD	0.25 / 1 / LD
12	0.056 / 1 / LD+9	0.011 / 3 / LD+9		
Animal ID 3 (440 mg/day / 2)				
3			1.9 / 3 / LD	0.075 / 1 / LD
Animal ID 4 (408 mg/day / 2)				
3			1.9 / 3 / LD	0.075 / 1 / LD
12	0.10 / 1 / LD+9	0.019 / 3 / LD+9		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Guardigli et al., 1976

Archives of Environmental Contamination and Toxicology. 4: 145

oxadiazon

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (400 mg/day / 3)				
24			2.1 / 3 / UP	0.084 / 1 / UP
28	1.0 / 1 / LD	0.03 / 1 / LD		
28	0.9 / 1 / LD	0.03 / 1 / LD	1.8 / 3 / LD	0.07 / 1 / LD
28	0.89 / 1 / LD			

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gutenmann and Lisk, 1970

Journal of Agricultural and Food Chemistry. 18: 128

bromacil

Day	Beef fat	Beef tissue	Milk fat	Whole milk
		Concentration in mg/kg		
Animal ID 1 (113.5 mg/day / 1)				
2			0.48 / 3 / UP	0.019 / 1 / UP
3			0.48 / 3 / UP	0.019 / 1 / UP
4			0.45 / 3 / LD	0.018 / 1 / LD
5			0.35 / 3 / DP	0.014 / 1 / DP
Animal ID 2 (681 mg/day / 1)				
2			2.8 / 3 / UP	0.11 / 1 / UP
3			3 / 3 / UP	0.12 / 1 / UP
4			2.9 / 3 / LD	0.12 / 1 / LD
5			2.4 / 3 / DP	0.096 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gyrisco et al., 1959

Journal of Agricultural and Food Chemistry. 7: 707

aldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 4 (160 mg/day / 3)				
5			0.25 / 3 / UP	0.01 / 1 / UP
19			1 / 3 / UP	0.04 / 1 / UP
26			1.5 / 3 / LD	0.06 / 1 / LD
33			0.5 / 3 / DP	0.02 / 1 / DP

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 11 (160 mg/day / 3)				
1			3.3 / 3 / UP	0.13 / 1 / UP
5			4.5 / 3 / UP	0.18 / 1 / UP
12			3.5 / 3 / UP	0.14 / 1 / UP
19			4.5 / 3 / UP	0.18 / 1 / UP
26			5 / 3 / LD	0.2 / 1 / LD
Animal ID 13 (160 mg/day / 3)				
1			2 / 3 / UP	0.08 / 1 / UP
5			1.5 / 3 / UP	0.06 / 1 / UP
12			4.5 / 3 / UP	0.18 / 1 / UP
19			5.8 / 3 / UP	0.23 / 1 / UP
26			3.5 / 3 / LD	0.14 / 1 / LD
33			1.3 / 3 / DP	0.05 / 1 / DP
Animal ID 6 (1120 mg/day / 3)				
7			0.25 / 3 / UP	0.01 / 1 / UP
11			5.8 / 3 / UP	0.23 / 1 / UP
16			9.0 / 3 / UP	0.36 / 1 / UP
22			16.5 / 3 / UP	0.66 / 1 / UP
29			19 / 3 / UP	0.77 / 1 / UP
35			15 / 3 / UP	0.61 / 1 / UP
39			23 / 3 / UP	0.93 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gyrisco et al., 1959

Journal of Agricultural and Food Chemistry. 7: 707

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
43			21.5 / 3 / UP	0.86 / 1 / UP
50			22 / 3 / UP	0.88 / 1 / UP
57			21 / 3 / UP	0.84 / 1 / UP
64			19 / 3 / LD+1	0.75 / 1 / LD+1
Animal ID 9 (1120 mg/day / 3)				
11			16 / 3 / UP	0.64 / 1 / UP
16			14 / 3 / UP	0.56 / 1 / UP
22			32.5 / 3 / UP	1.3 / 1 / UP
29			77.5 / 3 / UP	3.1 / 1 / UP
36			73 / 3 / UP	2.9 / 1 / UP
39			85 / 3 / UP	3.4 / 1 / UP
43			73 / 3 / UP	2.9 / 1 / UP
50			35 / 3 / UP	1.4 / 1 / UP
57			115 / 3 / UP	4.6 / 1 / UP
64			50 / 3 / LD+1	2 / 1 / LD+1

lindane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 2 (160 mg/day / 3)				
1			4.3 / 3 / UP	0.17 / 1 / UP
5			1 / 3 / UP	0.04 / 1 / UP
12			1.5 / 3 / UP	0.06 / 1 / UP
19			1 / 3 / UP	0.04 / 1 / UP
26			3.5 / 3 / LD	0.14 / 1 / LD
33			0.5 / 3 / DP	0.02 / 1 / DP
Animal ID 10 (160 mg/day / 3)				
1			3 / 3 / UP	0.12 / 1 / UP
5			1 / 3 / UP	0.04 / 1 / UP
12			1 / 3 / UP	0.04 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Gyrisco et al., 1959

Journal of Agricultural and Food Chemistry. 7: 707

lindane

		Concentration in mg/kg		
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
19			1 / 3 / UP	0.04 / 1 / UP
26			1.3 / 3 / LD	0.05 / 1 / LD
33			0.5 / 3 / DP	0.02 / 1 / DP

parathion

		Concentration in mg/kg		
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 2 (160 mg/day / 3)				
1			0.25 / 3 / UP	0.01 / 1 / UP
19			0.25 / 3 / UP	0.01 / 1 / UP
26			0.5 / 3 / LD	0.02 / 1 / LD
Animal ID 10 (160 mg/day / 3)				
5			0.5 / 3 / UP	0.02 / 1 / UP
12			0.75 / 3 / UP	0.03 / 1 / UP
19			0.5 / 3 / UP	0.02 / 1 / UP
26			0.5 / 3 / LD	0.02 / 1 / LD
33			0.5 / 3 / DP	0.02 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Hardee et al., 1964

Journal of Economic Entomology. 57: 404

heptachlor epoxide

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 19 (0.11 mg/day / 3)				
1			0.023 / 3 / UP	9.0E-04 / 1 / UP
2			0.043 / 3 / UP	0.0017 / 1 / UP
4			0.093 / 3 / UP	0.0037 / 1 / UP
6			0.055 / 3 / UP	0.0022 / 1 / UP
8			0.048 / 3 / UP	0.0019 / 1 / UP
11			0.065 / 3 / UP	0.0026 / 1 / UP
14			0.073 / 3 / UP	0.0029 / 1 / UP
18			0.078 / 3 / UP	0.0031 / 1 / UP
21			0.07 / 3 / UP	0.0028 / 1 / UP
25			0.073 / 3 / UP	0.0029 / 1 / UP
28			0.068 / 3 / LD	0.0027 / 1 / LD
32			0.068 / 3 / DP	0.0027 / 1 / DP
35			0.053 / 3 / DP	0.0021 / 1 / DP
39			0.055 / 3 / DP	0.0022 / 1 / DP
69			0.043 / 3 / DP	0.0017 / 1 / DP
99			0.04 / 3 / DP	0.0016 / 1 / DP
Animal ID 21 (0.45 mg/day / 3)				
1			0.01 / 3 / UP	4.0E-04 / 1 / UP
2			0.025 / 3 / UP	0.001 / 1 / UP
4			0.043 / 3 / UP	0.0017 / 1 / UP
6			0.048 / 3 / UP	0.0019 / 1 / UP
8			0.080 / 3 / UP	0.0032 / 1 / UP
11			0.093 / 3 / UP	0.0037 / 1 / UP
14			0.09 / 3 / UP	0.0036 / 1 / UP
18			0.10 / 3 / UP	0.0041 / 1 / UP
21			0.10 / 3 / UP	0.0041 / 1 / UP
25			0.11 / 3 / UP	0.0044 / 1 / UP
28			0.11 / 3 / LD	0.0043 / 1 / LD
32			0.065 / 3 / DP	0.0026 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Hardee et al., 1964

Journal of Economic Entomology. 57: 404

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
35			0.068 / 3 / DP	0.0027 / 1 / DP
39			0.045 / 3 / DP	0.0018 / 1 / DP
69			0.035 / 3 / DP	0.0014 / 1 / DP
99			0.033 / 3 / DP	0.0013 / 1 / DP

isobenzan (telodrin)

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 22 (0.11 mg/day / 3)				
1			0.01 / 3 / UP	4.0E-04 / 1 / UP
2			0.01 / 3 / UP	4.0E-04 / 1 / UP
4			0.015 / 3 / UP	6.0E-04 / 1 / UP
6			0.015 / 3 / UP	6.0E-04 / 1 / UP
8			0.038 / 3 / UP	0.0015 / 1 / UP
11			0.025 / 3 / UP	0.001 / 1 / UP
14			0.053 / 3 / UP	0.0021 / 1 / UP
18			0.038 / 3 / UP	0.0015 / 1 / UP
21			0.05 / 3 / UP	0.002 / 1 / UP
25			0.048 / 3 / UP	0.0019 / 1 / UP
28			0.048 / 3 / LD	0.0019 / 1 / LD
32			0.028 / 3 / DP	0.0011 / 1 / DP
35			0.018 / 3 / DP	7.0E-04 / 1 / DP
39			0.02 / 3 / DP	8.0E-04 / 1 / DP
69			0.018 / 3 / DP	7.0E-04 / 1 / DP
99			0.013 / 3 / DP	5.0E-04 / 1 / DP
Animal ID 20 (0.45 mg/day / 3)				
1			0.01 / 3 / UP	4.0E-04 / 1 / UP
2			0.048 / 3 / UP	0.0019 / 1 / UP
4			0.083 / 3 / UP	0.0033 / 1 / UP
6			0.10 / 3 / UP	0.0041 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Hardee et al., 1964

Journal of Economic Entomology. 57: 404

isobenzan (telodrin)

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
8			0.098 / 3 / UP	0.0039 / 1 / UP
11			0.098 / 3 / UP	0.0039 / 1 / UP
14			0.18 / 3 / UP	0.007 / 1 / UP
18			0.19 / 3 / UP	0.0077 / 1 / UP
21			0.11 / 3 / UP	0.0044 / 1 / UP
28			0.14 / 3 / LD	0.0057 / 1 / LD
32			0.095 / 3 / DP	0.0038 / 1 / DP
35			0.075 / 3 / DP	0.003 / 1 / DP
39			0.055 / 3 / DP	0.0022 / 1 / DP
69			0.045 / 3 / DP	0.0018 / 1 / DP
99			0.038 / 3 / DP	0.0015 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Harris et al., 1956 Aug

Agricultural and Food Chemistry. 4: 694

dieldrin

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID E240 (22 mg/day / 1)				
9			2.5 / 3 / UP	0.1 / 1 / UP
16			2.5 / 3 / UP	0.1 / 1 / UP
23			5 / 3 / UP	0.2 / 1 / UP
33			10 / 3 / UP	0.4 / 1 / UP
37			7.5 / 3 / UP	0.3 / 1 / UP
44			7.5 / 3 / UP	0.3 / 1 / UP
51			7.5 / 3 / UP	0.3 / 1 / UP
59			10 / 3 / UP	0.4 / 1 / UP
66			10 / 3 / UP	0.4 / 1 / UP
73			10 / 3 / UP	0.4 / 1 / UP
80			12.5 / 3 / UP	0.5 / 1 / UP
87			10 / 3 / UP	0.4 / 1 / UP
93			12.5 / 3 / UP	0.5 / 1 / UP
102			10 / 3 / UP	0.4 / 1 / UP
106			12.5 / 3 / UP	0.5 / 1 / UP
112			10 / 3 / LD	0.4 / 1 / LD
Animal ID W258 (21.9 mg/day / 1)				
9			5 / 3 / UP	0.2 / 1 / UP
16			2.5 / 3 / UP	0.1 / 1 / UP
23			5 / 3 / UP	0.2 / 1 / UP
33			12.5 / 3 / UP	0.5 / 1 / UP
37			7.5 / 3 / UP	0.3 / 1 / UP
44			10 / 3 / UP	0.4 / 1 / UP
51			10 / 3 / UP	0.4 / 1 / UP
59			10 / 3 / UP	0.4 / 1 / UP
66			15 / 3 / UP	0.6 / 1 / UP
73			12.5 / 3 / UP	0.5 / 1 / UP
80			12.5 / 3 / UP	0.5 / 1 / UP
87			10 / 3 / UP	0.4 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Harris et al., 1956 Aug

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dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
93			10 / 3 / UP	0.4 / 1 / UP
102			10 / 3 / UP	0.4 / 1 / UP
106			12.5 / 3 / UP	0.5 / 1 / UP
112			7.5 / 3 / LD	0.3 / 1 / LD
Animal ID W257 (39.3 mg/day / 1)				
5			12.5 / 3 / UP	0.5 / 1 / UP
9			12.5 / 3 / UP	0.5 / 1 / UP
11			12.5 / 3 / UP	0.5 / 1 / UP
16			7.5 / 3 / UP	0.3 / 1 / UP
23			30 / 3 / UP	1.2 / 1 / UP
33			32.5 / 3 / UP	1.3 / 1 / UP
37			27.5 / 3 / UP	1.1 / 1 / UP
44			32.5 / 3 / UP	1.3 / 1 / UP
51			37.5 / 3 / UP	1.5 / 1 / UP
59			40 / 3 / UP	1.6 / 1 / UP
66			50 / 3 / UP	2 / 1 / UP
73			40 / 3 / UP	1.6 / 1 / UP
80			32.5 / 3 / UP	1.3 / 1 / UP
87			45 / 3 / UP	1.8 / 1 / UP
93			45 / 3 / UP	1.8 / 1 / UP
102			45 / 3 / UP	1.8 / 1 / UP
106			45 / 3 / UP	1.8 / 1 / UP
112			35 / 3 / LD	1.4 / 1 / LD
Animal ID Hu251 (40.5 mg/day / 1)				
5			12.5 / 3 / UP	0.5 / 1 / UP
9			12.5 / 3 / UP	0.5 / 1 / UP
11			10 / 3 / UP	0.4 / 1 / UP
16			7.5 / 3 / UP	0.3 / 1 / UP
23			30 / 3 / UP	1.2 / 1 / UP
33			32.5 / 3 / UP	1.3 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Harris et al., 1956 Aug

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dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
37			30 / 3 / UP	1.2 / 1 / UP
44			37.5 / 3 / UP	1.5 / 1 / UP
51			35 / 3 / UP	1.4 / 1 / UP
59			25 / 3 / UP	1 / 1 / UP
66			55 / 3 / UP	2.2 / 1 / UP
73			47.5 / 3 / UP	1.9 / 1 / UP
80			37.5 / 3 / UP	1.5 / 1 / UP
87			42.5 / 3 / UP	1.7 / 1 / UP
93			45 / 3 / UP	1.8 / 1 / UP
102			42.5 / 3 / UP	1.7 / 1 / UP
106			45 / 3 / UP	1.8 / 1 / UP
112	2.9 / 1 / LD	0.55 / 3 / LD	32.5 / 3 / LD	1.3 / 1 / LD

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID Hu228 (3.6 mg/day / 1)				
5			5 / 3 / UP	0.2 / 1 / UP
9			2.5 / 3 / UP	0.1 / 1 / UP
11			1 / 3 / UP	0.04 / 1 / UP
16			2.5 / 3 / UP	0.1 / 1 / UP
23			2.5 / 3 / UP	0.1 / 1 / UP
37			2.5 / 3 / UP	0.1 / 1 / UP
44			2.5 / 3 / UP	0.1 / 1 / UP
51			5 / 3 / UP	0.2 / 1 / UP
59			5 / 3 / UP	0.2 / 1 / UP
66			2.5 / 3 / UP	0.1 / 1 / UP
73			5 / 3 / UP	0.2 / 1 / UP
80			2.5 / 3 / UP	0.1 / 1 / UP
87			7.5 / 3 / UP	0.3 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Harris et al., 1956 Aug

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heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
93			5 / 3 / UP	0.2 / 1 / UP
102			7.5 / 3 / UP	0.3 / 1 / UP
106			2.5 / 3 / UP	0.1 / 1 / UP
112			2.5 / 3 / LD	0.1 / 1 / LD
Animal ID W256 (2.6 mg/day / 1)				
5			2.5 / 3 / UP	0.1 / 1 / UP
9			2.5 / 3 / UP	0.1 / 1 / UP
11			1.5 / 3 / UP	0.06 / 1 / UP
16			2.5 / 3 / UP	0.1 / 1 / UP
23			2.5 / 3 / UP	0.1 / 1 / UP
37			2.3 / 3 / UP	0.09 / 1 / UP
44			5 / 3 / UP	0.2 / 1 / UP
51			5 / 3 / UP	0.2 / 1 / UP
59			2.5 / 3 / UP	0.1 / 1 / UP
66			2.5 / 3 / UP	0.1 / 1 / UP
73			5 / 3 / UP	0.2 / 1 / UP
80			5 / 3 / UP	0.2 / 1 / UP
87			10 / 3 / UP	0.4 / 1 / UP
93			1.5 / 3 / UP	0.06 / 1 / UP
112	0.12 / 1 / LD	0.023 / 3 / LD	0.2 / 1 / LD	0.1 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Ivey et al., 1961

Journal of Agricultural and Food Chemistry. 9: 374

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2 mg/day / 3)				
84	0.99 / 1 / LD	0.19 / 3 / LD		
126	0.68 / 1 / DP	0.13 / 3 / DP		
Animal ID 2 (6 mg/day / 3)				
84	3.4 / 1 / LD	0.07 / 1 / LD		
126	2.1 / 1 / DP	0.40 / 3 / DP		
Animal ID 3 (16 mg/day / 3)				
84	8.5 / 1 / LD	0.13 / 1 / LD		
126	5.1 / 1 / DP	0.12 / 1 / DP		
Animal ID 4 (80 mg/day / 3)				
84	39.2 / 1 / LD	0.72 / 1 / LD		
126	17.8 / 1 / DP	0.17 / 1 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Jensen and Hummel, 1982

Bulletin of Environmental Contamination and Toxicology. 29: 440

2,3,7,8-TCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 36 (0.0082 mg/day / 3)				
3			0.0011 / 3 / UP	4.2E-05 / 1 / UP
16			0.0022 / 3 / LD	8.9E-05 / 1 / LD
24			0.0022 / 3 / DP	8.6E-05 / 1 / DP
28			0.0015 / 3 / DP	5.9E-05 / 1 / DP
38			0.0011 / 3 / DP	4.3E-05 / 1 / DP
52			8.8E-04 / 3 / DP	3.5E-05 / 1 / DP
61			8.0E-04 / 3 / DP	3.2E-05 / 1 / DP
69			7.3E-04 / 3 / DP	2.9E-05 / 1 / DP
81			3.5E-04 / 3 / DP	1.4E-05 / 1 / DP
83			3.5E-04 / 3 / DP	1.4E-05 / 1 / DP
89			3.8E-04 / 3 / DP	1.5E-05 / 1 / DP
96			4.5E-04 / 3 / DP	1.8E-05 / 1 / DP
101			3.5E-04 / 3 / DP	1.4E-05 / 1 / DP
111			3.5E-04 / 3 / DP	1.4E-05 / 1 / DP
Animal ID 7417 (0.0082 mg/day / 3)				
3			0.0011 / 3 / UP	4.2E-05 / 1 / UP
16			0.0017 / 3 / UP	6.9E-05 / 1 / UP
21			0.0017 / 3 / LD	6.8E-05 / 1 / LD
28			9.5E-04 / 3 / DP	3.8E-05 / 1 / DP
38			7.8E-04 / 3 / DP	3.1E-05 / 1 / DP
52			6.3E-04 / 3 / DP	2.5E-05 / 1 / DP
61			6.5E-04 / 3 / DP	2.6E-05 / 1 / DP
69			5.5E-04 / 3 / DP	2.2E-05 / 1 / DP
81			4.9E-04 / 3 / DP	2.0E-05 / 1 / DP
83			5.5E-04 / 3 / DP	2.2E-05 / 1 / DP
89			5.3E-04 / 3 / DP	2.1E-05 / 1 / DP
96			5.3E-04 / 3 / DP	2.1E-05 / 1 / DP
101			5.0E-04 / 3 / DP	2.0E-05 / 1 / DP
111			4.8E-04 / 3 / DP	1.9E-05 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Jensen and Hummel, 1982

Bulletin of Environmental Contamination and Toxicology. 29: 440

2,3,7,8-TCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 30 (0.0082 mg/day / 3)				
16			0.0012 / 3 / UP	4.7E-05 / 1 / UP
21			0.0020 / 3 / LD	7.9E-05 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Jensen et al., 1981

Journal of Agricultural and Food Chemistry. 29: 265

2,3,7,8-TCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 193 (1.2E-04 mg/day / 2)				
28	6.6E-05 / 1 / LD	2.0E-06 / 1 / LD		
Animal ID 194 (1.4E-04 mg/day / 2)				
28	9.1E-05 / 1 / LD	2.0E-06 / 1 / LD		
Animal ID 195 (1.4E-04 mg/day / 2)				
28	9.5E-05 / 1 / LD	2.0E-06 / 1 / LD		
Animal ID 198 (1.5E-04 mg/day / 2)				
28	8.2E-05 / 1 / LD	1.6E-06 / 2 / LD		
42	9.1E-05 / 1 / DP	1.8E-06 / 2 / DP		
56	1.0E-04 / 1 / DP	2.0E-06 / 2 / DP		
84	8.5E-05 / 1 / DP	1.7E-06 / 2 / DP		
112	4.6E-05 / 1 / DP	9.2E-07 / 2 / DP		
140	6.1E-05 / 1 / DP	1.2E-06 / 2 / DP		
168	3.7E-05 / 1 / DP	7.4E-07 / 2 / DP		
196	6.0E-05 / 1 / DP	1.2E-06 / 2 / DP		
280	1.6E-05 / 1 / DP	3.2E-07 / 2 / DP		
378	1.4E-05 / 1 / DP	2.8E-07 / 2 / DP		
Animal ID 199 (1.4E-04 mg/day / 2)				
28	8.0E-05 / 1 / LD	1.6E-06 / 2 / LD		
42	6.6E-05 / 1 / DP	1.3E-06 / 2 / DP		
56	9.2E-05 / 1 / DP	1.8E-06 / 2 / DP		
84	5.2E-05 / 1 / DP	1.0E-06 / 2 / DP		
112	6.9E-05 / 1 / DP	1.4E-06 / 2 / DP		
140	5.4E-05 / 1 / DP	1.1E-06 / 2 / DP		
168	4.3E-05 / 1 / DP	8.5E-07 / 2 / DP		
196	4.8E-05 / 1 / DP	9.6E-07 / 2 / DP		
280	2.6E-05 / 1 / DP	5.2E-07 / 2 / DP		
378	1.7E-05 / 1 / DP	3.4E-07 / 2 / DP		
Animal ID 200 (1.7E-04 mg/day / 2)				
28	8.6E-05 / 1 / LD	1.7E-06 / 2 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Jensen et al., 1981

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2,3,7,8-TCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
42	6.8E-05 / 1 / DP	1.4E-06 / 2 / DP		
56	7.1E-05 / 1 / DP	1.4E-06 / 2 / DP		
84	1.1E-04 / 1 / DP	2.2E-06 / 2 / DP		
112	7.2E-05 / 1 / DP	1.4E-06 / 2 / DP		
140	5.1E-05 / 1 / DP	1.0E-06 / 2 / DP		
168	3.7E-05 / 1 / DP	7.4E-07 / 2 / DP		
196	2.5E-05 / 1 / DP	5.0E-07 / 2 / DP		
280	2.3E-05 / 1 / DP	4.6E-07 / 2 / DP		
Animal ID 203 (1.4E-04 mg/day / 2)				
28	7.7E-05 / 1 / LD	1.5E-06 / 2 / LD		
42	8.0E-05 / 1 / DP	1.6E-06 / 2 / DP		
56	9.7E-05 / 1 / DP	1.9E-06 / 2 / DP		
84	8.5E-05 / 1 / DP	1.7E-06 / 2 / DP		
112	3.4E-05 / 1 / DP	6.8E-07 / 2 / DP		
140	2.6E-05 / 1 / DP	5.1E-07 / 2 / DP		
168	2.3E-05 / 1 / DP	4.5E-07 / 2 / DP		
196	2.9E-05 / 1 / DP	5.8E-07 / 2 / DP		
280	1.5E-05 / 1 / DP	3.0E-07 / 2 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Johnson and Bowman, 1972

Journal of Dairy Science. 55: 777

fenthion

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (109 mg/day / 2)				
7			0.05 / 3 / UP	0.002 / 1 / UP
14			0.05 / 3 / UP	0.002 / 1 / UP
21			0.05 / 3 / UP	0.002 / 1 / UP
28			0.075 / 3 / LD	0.003 / 1 / LD
Animal ID 2 (140 mg/day / 2)				
7			0.075 / 3 / UP	0.003 / 1 / UP
14			0.1 / 3 / UP	0.004 / 1 / UP
21			0.1 / 3 / UP	0.004 / 1 / UP
28			0.15 / 3 / LD	0.006 / 1 / LD
Animal ID 3 (240.8 mg/day / 2)				
7			0.15 / 3 / UP	0.006 / 1 / UP
14			0.1 / 3 / UP	0.004 / 1 / UP
21			0.18 / 3 / UP	0.007 / 1 / UP
28			0.25 / 3 / LD	0.01 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Kiigemagi et al., 1961

Journal of Agricultural and Food Chemistry. 6: 518

endrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 2 (4 mg/day / 3)				
7			0.19 / 2 / UP	0.01 / 1 / UP
28			0.19 / 2 / UP	0.01 / 1 / UP
56			0.38 / 2 / UP	0.02 / 1 / UP
84	0.1 / 1 / LD	0.019 / 3 / LD	0.38 / 2 / LD	0.02 / 1 / LD
Animal ID 3 (12 mg/day / 3)				
7			0.19 / 2 / UP	0.01 / 1 / UP
14			0.19 / 2 / UP	0.01 / 1 / UP
28			0.38 / 2 / UP	0.02 / 1 / UP
56			0.75 / 2 / UP	0.04 / 1 / UP
84	0.4 / 1 / LD	0.076 / 3 / LD	0.38 / 2 / LD	0.02 / 1 / LD
Animal ID 4 (32 mg/day / 3)				
3			0.19 / 2 / UP	0.01 / 1 / UP
7			1.3 / 2 / UP	0.07 / 1 / UP
14			1.5 / 2 / UP	0.08 / 1 / UP
28			1.9 / 2 / UP	0.1 / 1 / UP
56			1.9 / 2 / UP	0.1 / 1 / UP
84	1 / 1 / LD	0.19 / 3 / LD	1.5 / 2 / LD	0.08 / 1 / LD
126			0.57 / 2 / DP	0.03 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Kutschinski and Riley, 1969

Journal of Agricultural and Food Chemistry. 17: 283

picloram

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1753 (726 mg/day / 2)				
14	0.06 / 1 / LD	0.011 / 3 / LD		
Animal ID 1758 (590 mg/day / 2)				
14	0.06 / 1 / LD	0.011 / 3 / LD		
Animal ID 1755 (1565 mg/day / 2)				
14	0.37 / 3 / LD	0.07 / 1 / LD		
Animal ID 1757 (1315 mg/day / 2)				
14	0.26 / 3 / LD	0.05 / 1 / LD		
Animal ID 1754 (3039 mg/day / 2)				
14	1.1 / 3 / LD	0.2 / 1 / LD		
Animal ID 1756 (2971 mg/day / 2)				
14	1.7 / 3 / LD	0.32 / 1 / LD		
Animal ID 1759 (5103 mg/day / 2)				
14	0.35 / 1 / LD	0.3 / 1 / LD		
14	0.28 / 1 / LD			
Animal ID 1760 (5171 mg/day / 2)				
14	0.23 / 1 / LD	0.29 / 1 / LD		
14	0.29 / 1 / LD			

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Laben et al., 1966 Jun 15

Journal of Dairy Science. 49: 1488

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID Group2 (5.1 mg/day / 1)				
1	0.11 / 1 / UP	0.021 / 3 / UP	0.08 / 1 / UP	0.0032 / 3 / UP
28	0.01 / 1 / UP	0.0019 / 3 / UP	0.13 / 1 / UP	0.0052 / 3 / UP
56	0.16 / 1 / UP	0.030 / 3 / UP	0.33 / 1 / UP	0.013 / 3 / UP
84	0.13 / 1 / UP	0.025 / 3 / UP	0.38 / 1 / UP	0.015 / 3 / UP
154	0.38 / 1 / LD-28	0.072 / 3 / LD-28	0.42 / 1 / LD-28	0.017 / 3 / LD-28
Animal ID Group3 (8.4 mg/day / 1)				
1	0.1 / 1 / UP	0.019 / 3 / UP	0.1 / 1 / UP	0.004 / 3 / UP
28	0.04 / 1 / UP	0.0076 / 3 / UP	0.14 / 1 / UP	0.0056 / 3 / UP
56	0.1 / 1 / UP	0.019 / 3 / UP	0.28 / 1 / UP	0.011 / 3 / UP
84	0.15 / 1 / UP	0.029 / 3 / UP	0.59 / 1 / UP	0.024 / 3 / UP
126	0.71 / 1 / LD-56	0.13 / 3 / LD-56	0.5 / 1 / LD-56	0.02 / 3 / LD-56
Animal ID Group4 (15.2 mg/day / 1)				
1	0.1 / 1 / UP	0.019 / 3 / UP	0.07 / 1 / UP	0.0028 / 3 / UP
28	0.13 / 1 / UP	0.025 / 3 / UP	0.1 / 1 / UP	0.004 / 3 / UP
56	0.1 / 1 / UP	0.019 / 3 / UP	0.31 / 1 / UP	0.012 / 3 / UP
84	0.37 / 1 / UP	0.070 / 3 / UP	0.85 / 1 / UP	0.034 / 3 / UP
126	1.3 / 1 / LD-56	0.24 / 3 / LD-56	0.91 / 1 / LD-56	0.036 / 3 / LD-56
Animal ID Group5 (5.6 mg/day / 1)				
1	0.1 / 1 / UP	0.019 / 3 / UP	0.09 / 1 / UP	0.0036 / 3 / UP
28	0.05 / 1 / UP	0.0095 / 3 / UP	0.1 / 1 / UP	0.004 / 3 / UP
56	0.52 / 1 / UP	0.099 / 3 / UP	0.26 / 1 / UP	0.010 / 3 / UP
84	0.29 / 1 / UP	0.055 / 3 / UP	0.53 / 1 / UP	0.021 / 3 / UP
126	0.83 / 1 / LD-56	0.16 / 3 / LD-56	0.36 / 1 / LD-56	0.014 / 3 / LD-56

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Martin et al., 1976

Journal of Animal Science. 42: 196

DDT

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 215 (53 mg/day / 3)				
216	13 / 1 / LD	2.5 / 3 / LD		
230	9.9 / 1 / DP	1.9 / 3 / DP		
244	8.4 / 1 / DP	1.6 / 3 / DP		
258	4.7 / 1 / DP	0.89 / 3 / DP		
272	5.4 / 1 / DP	1.0 / 3 / DP		
Animal ID 176 (53 mg/day / 3)				
216	7.9 / 1 / LD	1.5 / 3 / LD		
230	6.3 / 1 / DP	1.2 / 3 / DP		
244	5.6 / 1 / DP	1.1 / 3 / DP		
258	5.1 / 1 / DP	0.98 / 3 / DP		
272	4.8 / 1 / DP	0.91 / 3 / DP		
Animal ID 182 (53 mg/day / 3)				
216	8.8 / 1 / LD	1.7 / 3 / LD		
230	7.6 / 1 / DP	1.4 / 3 / DP		
244	6.3 / 1 / DP	1.2 / 3 / DP		
272	5.8 / 1 / DP	1.1 / 3 / DP		
Animal ID 200 (53 mg/day / 3)				
216	11 / 1 / LD	2.0 / 3 / LD		
230	7.6 / 1 / DP	1.4 / 3 / DP		
244	5.0 / 1 / DP	0.95 / 3 / DP		
258	5.4 / 1 / DP	1.0 / 3 / DP		
272	4.3 / 1 / DP	0.81 / 3 / DP		
Animal ID 216 (53 mg/day / 3)				
216	10 / 1 / LD	1.9 / 3 / LD		
230	8.9 / 1 / DP	1.7 / 3 / DP		
244	8.0 / 1 / DP	1.5 / 3 / DP		
258	4.8 / 1 / DP	0.91 / 3 / DP		
272	6.6 / 1 / DP	1.3 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Martin et al., 1976

Journal of Animal Science. 42: 196

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 154 (53 mg/day / 3)				
216	9.7 / 1 / LD	1.8 / 3 / LD		
230	7.8 / 1 / DP	1.5 / 3 / DP		
244	6.4 / 1 / DP	1.2 / 3 / DP		
258	6.1 / 1 / DP	1.2 / 3 / DP		
272	5.3 / 1 / DP	1.0 / 3 / DP		
Animal ID 212 (53 mg/day / 3)				
216	10 / 1 / LD	1.9 / 3 / LD		
230	8.7 / 1 / DP	1.7 / 3 / DP		
244	6.1 / 1 / DP	1.2 / 3 / DP		
258	5.7 / 1 / DP	1.1 / 3 / DP		
272	5.6 / 1 / DP	1.1 / 3 / DP		
Animal ID 209 (53 mg/day / 3)				
216	11 / 1 / LD	2.0 / 3 / LD		
230	8.6 / 1 / DP	1.6 / 3 / DP		
244	5.5 / 1 / DP	1.0 / 3 / DP		
258	6.8 / 1 / DP	1.3 / 3 / DP		
272	7.6 / 1 / DP	1.4 / 3 / DP		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

McKellar et al., 1976

Journal of Agricultural and Food Chemistry. 24: 283

chlorpyrifos

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (490 mg/day / 3)				
3			0.25 / 3 / UP	0.01 / 1 / UP
6			0.25 / 3 / UP	0.01 / 1 / UP
10			0.25 / 3 / UP	0.01 / 1 / UP
11			0.22 / 2 / UP	0.1 / 1 / UP
11			0.25 / 3 / UP	0.01 / 1 / UP
12			0.25 / 3 / UP	0.01 / 1 / UP
12			0.22 / 2 / UP	0.1 / 1 / UP
13			0.25 / 3 / LD-1	0.01 / 1 / LD-1
13			0.2 / 2 / LD-1	0.09 / 1 / LD-1

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

McLachlan et al., 1980

Chemosphere. 20: 1013

2,3,7,8-TCDD

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (1.3E-06 mg/day / 1)				
100			3.2E-07 / 2 / LD	1.6E-08 / 1 / LD

HpCDD, 1,2,3,4,6,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (7.1E-05 mg/day / 1)				
100			1.5E-06 / 2 / LD	7.3E-08 / 1 / LD

HpCDF, 1,2,3,4,6,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (2.0E-05 mg/day / 1)				
100			4.8E-07 / 2 / LD	2.4E-08 / 1 / LD

HpCDF, 1,2,3,4,7,8,9-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (1.3E-06 mg/day / 1)				
100			7.2E-08 / 2 / LD	3.6E-09 / 1 / LD

HxCDD, 1,2,3,4,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (1.3E-06 mg/day / 1)				
100			1.5E-07 / 2 / LD	7.5E-09 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

McLachlan et al., 1980

Chemosphere. 20: 1013

HxCDD, 1,2,3,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (4.6E-06 mg/day / 1)				
100			4.6E-07 / 2 / LD	2.3E-08 / 1 / LD

HxCDD, 1,2,3,7,8,9-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2.0E-06 mg/day / 1)				
100			2.6E-07 / 2 / LD	1.3E-08 / 1 / LD

HxCDF, 1,2,3,4,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2.4E-06 mg/day / 1)				
100			3.2E-07 / 2 / LD	1.6E-08 / 1 / LD

HxCDF, 1,2,3,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2.2E-06 mg/day / 1)				
100			2.6E-07 / 2 / LD	1.3E-08 / 1 / LD

HxCDF, 2,3,4,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (3.5E-06 mg/day / 1)				
100			3.6E-07 / 2 / LD	1.8E-08 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

McLachlan et al., 1980

Chemosphere. 20: 1013

OCDD

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (3.7E-04 mg/day / 1)				
100			1.1E-05 / 2 / LD	5.5E-07 / 1 / LD

OCDF

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (5.7E-05 mg/day / 1)				
100			6.4E-07 / 2 / LD	3.2E-08 / 1 / LD

PeCDD, 1,2,3,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (1.0E-06 mg/day / 1)				
100			2.4E-07 / 2 / LD	1.2E-08 / 1 / LD

PeCDF, 1,2,3,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (2.6E-06 mg/day / 1)				
100			1.1E-07 / 2 / LD	5.4E-09 / 1 / LD

PeCDF, 2,3,4,7,8-

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1 (3.5E-06 mg/day / 1)				
100			6.2E-07 / 2 / LD	3.1E-08 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

McLachlan et al., 1980

Chemosphere. 20: 1013

TCDF, 2,3,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (2.5E-06 mg/day / 1)				
100			1.4E-07 / 2 / LD	6.8E-09 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Miller et al., 1976

Journal of Agricultural and Food Chemistry. 24: 687

di-flubenzuron

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1652 (533 mg/day / 2)				
99	0.1 / 1 / LD-21	0.019 / 3 / LD-21		
Animal ID 5036 (8528 mg/day / 2)				
91	0.15 / 1 / LD-4	0.029 / 3 / LD-4		
91	0.15 / 1 / LD-4	0.029 / 3 / LD-4		
91	0.18 / 1 / LD-4	0.033 / 3 / LD-4	0.5 / 3 / LD-4	0.02 / 1 / LD-4

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Oehler and Ivie, 1980

Journal of Agricultural and Food Chemistry. 28: 685

dicamba

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (900 mg/day / 1)				
1			0.43 / 3 / UP	0.017 / 1 / UP
2			0.88 / 3 / UP	0.035 / 1 / UP
3			0.88 / 3 / UP	0.035 / 1 / UP
4			0.63 / 3 / UP	0.025 / 1 / UP
5	0.02 / 1 / LD	0.025 / 1 / LD	0.5 / 3 / LD	0.02 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Parker et al., 1980

Toxicology and Applied Pharmacology. 55: 359

HpCDD, 1,2,3,4,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (1.1 mg/day / 2)				
160	0.052 / 1 / LD	0.0099 / 3 / LD		

HpCDF, 1,2,3,4,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.11 mg/day / 2)				
160	0.0069 / 1 / LD	0.0013 / 3 / LD		

HxCDD, 1,2,3,6,7,8-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.038 mg/day / 2)				
160	0.016 / 1 / LD	0.0030 / 3 / LD		

HxCDD, 1,2,3,7,8,9-

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.019 mg/day / 2)				
160	7.0E-04 / 1 / LD	1.3E-04 / 3 / LD		

OCDD

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (5.7 mg/day / 2)				
160	0.061 / 1 / LD	0.012 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Parker et al., 1980

Toxicology and Applied Pharmacology. 55: 359

OCDF

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (0.34 mg/day / 2)				
160	0.007 / 1 / LD	0.0013 / 3 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Polan et al., 1974

Journal of Agricultural and Food Chemistry. 22: 635

aflatoxins

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 50 (0.25 mg/day / 1)				
4			2.5E-04 / 3 / UP	1.0E-05 / 1 / UP
8			2.5E-04 / 3 / LD-6	1.0E-05 / 1 / LD-6
Animal ID 250 (1.3 mg/day / 1)				
4			0.0065 / 3 / UP	2.6E-04 / 1 / UP
8			0.0058 / 3 / LD-6	2.3E-04 / 1 / LD-6
Animal ID 1250 (7.3 mg/day / 1)				
4			0.021 / 3 / UP	8.2E-04 / 1 / UP
8			0.022 / 3 / LD-6	8.6E-04 / 1 / LD-6

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Potter et al., 1974

Journal of Agricultural and Food Chemistry. 22: 889

dieldrin

Day	Concentration in mg/kg			
	Beef fat	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 3A (2.5 mg/day / 1)				
2			0.021 / 2 / UP	0.001 / 1 / UP
8			0.60 / 2 / UP	0.028 / 1 / UP
15			0.51 / 2 / UP	0.024 / 1 / UP
23			0.62 / 2 / UP	0.029 / 1 / UP
28			0.68 / 2 / UP	0.032 / 1 / UP
34			0.64 / 2 / UP	0.03 / 1 / UP
39			0.81 / 2 / UP	0.038 / 1 / UP
41	0.26 / 1 / LD	0.018 / 1 / LD	0.87 / 2 / LD	0.041 / 1 / LD
Animal ID 4 (2.5 mg/day / 1)				
2			0.021 / 2 / UP	0.001 / 1 / UP
8			0.45 / 2 / UP	0.021 / 1 / UP
15			0.53 / 2 / UP	0.025 / 1 / UP
23			0.79 / 2 / UP	0.037 / 1 / UP
28			0.79 / 2 / UP	0.037 / 1 / UP
34			1.4 / 1 / UP	0.053 / 1 / UP
39			1.1 / 2 / UP	0.053 / 1 / UP
41	0.41 / 1 / LD	0.022 / 1 / LD	1.1 / 2 / LD	0.051 / 1 / LD
Animal ID 5 (2.5 mg/day / 1)				
2			0.019 / 2 / UP	0.001 / 1 / UP
8			0.26 / 2 / UP	0.014 / 1 / UP
15			0.5 / 1 / UP	0.025 / 1 / UP
23			0.49 / 2 / UP	0.026 / 1 / UP
28			0.58 / 2 / UP	0.031 / 1 / UP
34			0.68 / 1 / UP	0.035 / 1 / UP
39			0.96 / 1 / UP	0.042 / 1 / UP
41	0.34 / 1 / LD	0.02 / 1 / LD	0.79 / 2 / LD	0.042 / 1 / LD
Animal ID 3 (1.6 mg/day / 1)				
1			0.091 / 2 / UP	0.004 / 1 / UP
2			0.14 / 2 / UP	0.006 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Potter et al., 1974

Journal of Agricultural and Food Chemistry. 22: 889

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
3			0.20 / 2 / UP	0.009 / 1 / UP
6			0.30 / 2 / UP	0.013 / 1 / UP
9			0.39 / 2 / UP	0.017 / 1 / UP
12			0.52 / 2 / UP	0.023 / 1 / UP
15			0.41 / 2 / UP	0.018 / 1 / UP
17			0.36 / 2 / UP	0.016 / 1 / UP
19			0.48 / 2 / UP	0.021 / 1 / UP
21			0.34 / 2 / LD	0.015 / 1 / LD
Animal ID 417 (1.4 mg/day / 1)				
1			0.083 / 2 / UP	0.004 / 1 / UP
2			0.13 / 2 / UP	0.006 / 1 / UP
3			0.21 / 2 / UP	0.01 / 1 / UP
6			0.25 / 2 / UP	0.012 / 1 / UP
9			0.27 / 2 / UP	0.013 / 1 / UP
12			0.48 / 2 / UP	0.023 / 1 / UP
15			0.31 / 2 / UP	0.015 / 1 / UP
17			0.31 / 2 / UP	0.015 / 1 / UP
19			0.40 / 2 / UP	0.019 / 1 / UP
21			0.38 / 1 / LD	0.017 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Rumsey and Bond, 1974

Journal of Agricultural and Food Chemistry. 22: 664

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (267 mg/day / 2)				
484	31.2 / 1 / LD	1.6 / 1 / LD		
484		3.5 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Shepherd et al., 1949

Journal of Dairy Science. 32: 549

DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1638 (553 mg/day / 1)				
41			222.6 / 1 / UP	8.9 / 1 / UP
51			259.1 / 1 / UP	10.1 / 1 / UP
61			217.8 / 1 / UP	7.4 / 1 / UP
71			174.6 / 1 / UP	6.9 / 1 / UP
81			250 / 1 / UP	9 / 1 / UP
91			186.2 / 1 / UP	6.7 / 1 / UP
101			186.1 / 1 / UP	6.8 / 1 / UP
111			105.3 / 1 / UP	4 / 1 / UP
121			166.7 / 1 / UP	6 / 1 / UP
131			221.2 / 1 / UP	8.4 / 1 / UP
141			191.3 / 1 / UP	6.7 / 1 / UP
151			149.7 / 1 / UP	6.4 / 1 / UP
161			82.9 / 1 / LD-1	2.9 / 1 / LD-1
171			49.6 / 1 / DP	1.6 / 1 / DP
181			24.3 / 1 / DP	0.9 / 1 / DP
191			13.3 / 1 / DP	0.5 / 1 / DP
201			9 / 1 / DP	0.3 / 1 / DP
211			4 / 1 / DP	0.2 / 1 / DP
221			7.9 / 1 / DP	0.3 / 1 / DP
231			6.8 / 1 / DP	0.2 / 1 / DP
241			5.7 / 1 / DP	0.2 / 1 / DP
251			5.3 / 1 / DP	0.2 / 1 / DP
261			8.5 / 1 / DP	0.3 / 1 / DP
271			2.9 / 1 / DP	0.1 / 1 / DP
281			5.1 / 1 / DP	0.2 / 1 / DP
291			2.3 / 1 / DP	0.1 / 1 / DP
301			5.5 / 1 / DP	0.2 / 1 / DP
311			3 / 1 / DP	0.1 / 1 / DP
321			2.6 / 1 / DP	0.1 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Shepherd et al., 1949

Journal of Dairy Science. 32: 549

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1666 (727 mg/day / 1)				
1			69.6 / 1 / UP	3.2 / 1 / UP
11			86.4 / 1 / UP	3.8 / 1 / UP
21			111.4 / 1 / UP	4.9 / 1 / UP
31			185 / 1 / UP	8.7 / 1 / UP
41			152.2 / 1 / UP	6.7 / 1 / UP
51			146.5 / 1 / UP	6.3 / 1 / UP
61			99 / 1 / UP	4.5 / 1 / UP
71			175.6 / 1 / UP	7.9 / 1 / UP
81			215.5 / 1 / UP	9.7 / 1 / UP
91			148.3 / 1 / UP	6.9 / 1 / UP
101			159.9 / 1 / UP	7.2 / 1 / UP
111			118.1 / 1 / LD	6.2 / 1 / LD
121			51 / 1 / DP	2.4 / 1 / DP
131			50.2 / 1 / DP	2.4 / 1 / DP
141			25.3 / 1 / DP	1.2 / 1 / DP
151			10.2 / 1 / DP	0.5 / 1 / DP
161			16 / 1 / DP	0.6 / 1 / DP
171			20 / 1 / DP	1 / 1 / DP
181			14.3 / 1 / DP	0.7 / 1 / DP
191			7 / 1 / DP	0.4 / 1 / DP
201			6.4 / 1 / DP	0.3 / 1 / DP
211			10.2 / 1 / DP	0.5 / 1 / DP
221			6 / 1 / DP	0.3 / 1 / DP
231			8.4 / 1 / DP	0.4 / 1 / DP
241			9.7 / 1 / DP	0.5 / 1 / DP
251			2.1 / 1 / DP	0.4 / 1 / DP
261			6.2 / 1 / DP	0.3 / 1 / DP
271			6.5 / 1 / DP	0.3 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Shepherd et al., 1949

Journal of Dairy Science. 32: 549

DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID X-47 (303 mg/day / 1)				
1			23.7 / 1 / UP	1.4 / 1 / UP
11			7.4 / 1 / UP	0.4 / 1 / UP
21			47.9 / 1 / UP	2.3 / 1 / UP
31			58.4 / 1 / UP	2.8 / 1 / UP
41			65.3 / 1 / UP	3.2 / 1 / UP
51			52.9 / 1 / UP	2.7 / 1 / UP
61			28.9 / 1 / UP	1.3 / 1 / UP
71			31.2 / 1 / UP	1.7 / 1 / UP
81			60.5 / 1 / UP	2.9 / 1 / UP
91			65.2 / 1 / UP	3 / 1 / UP
101			50.5 / 1 / UP	2.5 / 1 / UP
111			26 / 1 / LD+1	1.3 / 1 / LD+1
121			8 / 1 / DP	0.4 / 1 / DP
141			2 / 1 / DP	0.1 / 1 / DP
Animal ID X-16 (109 mg/day / 1)				
11			4.7 / 1 / UP	0.2 / 1 / UP
21			14.2 / 1 / UP	0.6 / 1 / UP
31			9.3 / 1 / UP	0.4 / 1 / UP
41			4.4 / 1 / UP	0.2 / 1 / UP
51			5.9 / 1 / UP	0.3 / 1 / UP
61			12.8 / 1 / UP	0.55 / 1 / UP
71			19 / 1 / UP	0.8 / 1 / UP
81			21.1 / 1 / UP	0.9 / 1 / UP
91			14.3 / 1 / UP	0.6 / 1 / UP
101			6.7 / 1 / LD+3	0.3 / 1 / LD+3
111			8.4 / 1 / DP	0.4 / 1 / DP
121			2.3 / 1 / DP	0.1 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

St.John and Lisk, 1975

Bulletin of Environmental Contamination and Toxicology. 13: 433

kerb

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (114 mg/day / 1)				
5			1.2 / 2 / LD+1	0.04 / 1 / LD+1

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Thomas et al., 1951

Journal of Dairy Science. 34: 203

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (44.3 mg/day / 1)				
230	100 / 1 / LD	1.7 / 1 / LD		
Animal ID 2 (40.6 mg/day / 1)				
160	80 / 1 / LD	1.2 / 1 / LD		
Animal ID 3 (38.7 mg/day / 1)				
230	84.8 / 1 / LD	1.7 / 1 / LD		
Animal ID 4 (23 mg/day / 1)				
230	71.8 / 1 / LD	0.6 / 1 / LD		
Animal ID 5 (16.1 mg/day / 1)				
230	8.1 / 1 / LD	1.5 / 3 / LD		
Animal ID 6 (11.3 mg/day / 1)				
230	23 / 1 / LD	0.2 / 1 / LD		
Animal ID 7 (11.7 mg/day / 1)				
230	9.3 / 1 / LD	1.8 / 3 / LD		
Animal ID 8 (6.5 mg/day / 1)				
230	4.4 / 1 / LD	0.84 / 3 / LD		
Animal ID 9 (9.6 mg/day / 1)				
230	3.4 / 1 / LD	0.65 / 3 / LD		
Animal ID 10 (9.1 mg/day / 1)				
230	4.2 / 1 / LD	0.6 / 1 / LD		

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 14 (196 mg/day / 1)				
176	340 / 1 / LD	12.7 / 1 / LD		
Animal ID 15 (213 mg/day / 1)				
176	345 / 1 / LD	13.1 / 1 / LD		

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Treece and Ware, 1965

Journal of Economic Entomology. 58: 218

lindane

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID 1stPeriod (4.6 mg/day / 3)				
2			0.12 / 1 / UP	0.0048 / 3 / UP
5			0.45 / 1 / UP	0.018 / 3 / UP
9			0.67 / 1 / UP	0.027 / 3 / UP
13			0.26 / 1 / UP	0.010 / 3 / UP
16			0.72 / 1 / UP	0.029 / 3 / UP
19			0.55 / 1 / LD-2	0.022 / 3 / LD-2
Animal ID 2ndPeriod (3.8 mg/day / 3)				
5			0.26 / 1 / UP	0.010 / 3 / UP
9			0.45 / 1 / UP	0.018 / 3 / UP
12			0.35 / 1 / UP	0.014 / 3 / UP
16			0.46 / 1 / UP	0.018 / 3 / UP
19			0.76 / 1 / UP	0.030 / 3 / UP
23			0.6 / 1 / LD+1	0.024 / 3 / LD+1

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Whiting et al., 1973

Jounal of Dairy Science. 56: 1324

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID Group3 (16 mg/day / 3)				
7			1.8 / 1 / UP	0.084 / 2 / UP
14			1.9 / 1 / UP	0.057 / 2 / UP
30			2.3 / 1 / UP	0.075 / 2 / UP
60			2.7 / 1 / UP	0.064 / 2 / UP
90			2.6 / 1 / UP	0.078 / 2 / UP
120			2.3 / 1 / UP	0.064 / 2 / UP
150			2.9 / 1 / UP	0.080 / 2 / UP
180			2.6 / 1 / UP	0.070 / 2 / UP
210			1.6 / 1 / UP	0.052 / 2 / UP
240			2.1 / 1 / UP	0.066 / 2 / UP
270			2.1 / 1 / UP	0.066 / 2 / UP
300			2.1 / 1 / UP	0.066 / 2 / UP
330			2 / 1 / UP	0.074 / 2 / UP
365	0.044 / 3 / LD	0.0084 / 1 / LD	1.5 / 1 / LD	0.054 / 2 / LD
365	0.17 / 3 / LD	0.033 / 1 / LD		
432			0.81 / 1 / DP	0.024 / 2 / DP
439			0.83 / 1 / DP	0.026 / 2 / DP
453			1.1 / 1 / DP	0.020 / 2 / DP
483			0.82 / 1 / DP	0.013 / 2 / DP
513			0.60 / 1 / DP	0.013 / 2 / DP
543			0.58 / 1 / DP	0.012 / 2 / DP
573			0.41 / 1 / DP	0.0099 / 2 / DP
603			0.32 / 1 / DP	0.0087 / 2 / DP
633			0.33 / 1 / DP	0.0086 / 2 / DP
663			0.32 / 1 / DP	0.010 / 2 / DP
693			0.23 / 1 / DP	0.0082 / 2 / DP
Animal ID Group2 (8.8 mg/day / 3)				
7			1.0 / 1 / UP	0.040 / 2 / UP
14			1.2 / 1 / UP	0.048 / 2 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Whiting et al., 1973

Jounal of Dairy Science. 56: 1324

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
30			1.4 / 1 / UP	0.051 / 2 / UP
60			1.4 / 1 / UP	0.054 / 2 / UP
90			1.4 / 1 / UP	0.045 / 2 / UP
120			1.4 / 1 / UP	0.045 / 2 / UP
150			1.3 / 1 / UP	0.044 / 2 / UP
180			1.4 / 1 / UP	0.046 / 2 / UP
210			1.3 / 1 / UP	0.044 / 2 / UP
240			1.2 / 1 / UP	0.043 / 2 / UP
270			1.1 / 1 / UP	0.048 / 2 / UP
300			1.0 / 1 / UP	0.046 / 2 / UP
330			1.2 / 1 / UP	0.051 / 2 / UP
365	0.17 / 3 / LD	0.032 / 1 / LD		
365	0.077 / 3 / LD	0.015 / 1 / LD	1.1 / 1 / LD	0.044 / 2 / LD
432			0.66 / 1 / DP	0.029 / 2 / DP
439			0.45 / 1 / DP	0.014 / 2 / DP
453			0.44 / 1 / DP	0.014 / 2 / DP
483			0.35 / 1 / DP	0.010 / 2 / DP
513			0.29 / 1 / DP	0.0081 / 2 / DP
543			0.23 / 1 / DP	0.0071 / 2 / DP
573			0.20 / 1 / DP	0.0073 / 2 / DP
603			0.21 / 1 / DP	0.0059 / 2 / DP
633			0.20 / 1 / DP	0.0058 / 2 / DP
663			0.14 / 1 / DP	0.0051 / 2 / DP
693			0.089 / 1 / DP	0.0032 / 2 / DP
Animal ID Group1 (4 mg/day / 3)				
7			0.86 / 1 / UP	0.029 / 2 / UP
30			0.88 / 1 / UP	0.031 / 2 / UP
60			0.81 / 1 / UP	0.028 / 2 / UP
90			0.76 / 1 / UP	0.022 / 2 / UP
120			1.0 / 1 / UP	0.033 / 2 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Whiting et al., 1973

Jounal of Dairy Science. 56: 1324

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
150			0.94 / 1 / UP	0.028 / 2 / UP
180			0.97 / 1 / UP	0.030 / 2 / UP
210			0.84 / 1 / UP	0.024 / 2 / UP
240			0.84 / 1 / UP	0.024 / 2 / UP
270			0.75 / 1 / UP	0.024 / 2 / UP
300			0.90 / 1 / UP	0.032 / 2 / UP
330			0.82 / 1 / UP	0.029 / 2 / UP
365	0.084 / 3 / LD	0.016 / 1 / LD	0.75 / 1 / LD	0.023 / 2 / LD
365	0.074 / 3 / LD	0.014 / 1 / LD		
432			0.40 / 1 / DP	0.017 / 2 / DP
439			0.36 / 1 / DP	0.015 / 2 / DP
453			0.34 / 1 / DP	0.011 / 2 / DP
483			0.29 / 1 / DP	0.0088 / 2 / DP
513			0.22 / 1 / DP	0.0072 / 2 / DP
543			0.21 / 1 / DP	0.0069 / 2 / DP
573			0.20 / 1 / DP	0.0061 / 2 / DP
603			0.15 / 1 / DP	0.0047 / 2 / DP
633			0.19 / 1 / DP	0.0058 / 2 / DP
663			0.17 / 1 / DP	0.0052 / 2 / DP
693			0.18 / 1 / DP	0.0074 / 2 / DP
723			0.14 / 1 / DP	0.0053 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Willett et al., 1987

Fundamental and Applied Toxicology. 9: 60

aroclor 1254

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (10 mg/day / 1)				
60	1.4 / 1 / LD	0.27 / 3 / LD	1.9 / 1 / LD	0.076 / 2 / LD
Animal ID 2 (100 mg/day / 1)				
60	6.9 / 1 / LD	1.3 / 3 / LD	10.9 / 1 / LD	0.44 / 2 / LD
Animal ID 3 (1000 mg/day / 1)				
60	70 / 1 / LD	13.3 / 3 / LD	91.3 / 1 / LD	3.7 / 2 / LD
252	17.7 / 1 / DP	3.4 / 3 / DP	3.1 / 1 / DP	0.12 / 2 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Williams et al., 1964

Journal of the Association of Official Agricultural Chemists. 47: 1124

DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID group B (0.78 mg/day / 3)				
35			0.1 / 2 / LD	0.004 / 1 / LD
Animal ID group C (2.2 mg/day / 3)				
35			0.095 / 2 / LD	0.004 / 1 / LD
Animal ID group D (4.5 mg/day / 3)				
35			0.17 / 2 / LD	0.007 / 1 / LD

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID group B (0.78 mg/day / 3)				
35			0.53 / 2 / LD	0.021 / 1 / LD
Animal ID group C (2.2 mg/day / 3)				
35			1.4 / 2 / LD	0.058 / 1 / LD
Animal ID group D (4.5 mg/day / 3)				
35			2.7 / 2 / LD	0.11 / 1 / LD

endrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID group B (0.78 mg/day / 3)				
35			0.1 / 2 / LD	0.004 / 1 / LD
Animal ID group C (2.2 mg/day / 3)				
35			0.24 / 2 / LD	0.01 / 1 / LD
Animal ID group D (4.5 mg/day / 3)				
35			0.44 / 2 / LD	0.018 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Williams et al., 1964

Journal of the Association of Official Agricultural Chemists. 47: 1124

heptachlor epoxide

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID group B (0.78 mg/day / 3)				
35			0.78 / 2 / LD	0.031 / 1 / LD
Animal ID group C (2.2 mg/day / 3)				
35			1.7 / 2 / LD	0.072 / 1 / LD
Animal ID group D (4.5 mg/day / 3)				
35			3.4 / 2 / LD	0.14 / 1 / LD

lindane

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID group B (0.78 mg/day / 3)				
35			0.05 / 2 / LD	0.002 / 1 / LD
Animal ID group C (2.2 mg/day / 3)				
35			0.14 / 2 / LD	0.006 / 1 / LD
Animal ID group D (4.5 mg/day / 3)				
35			0.37 / 2 / LD	0.015 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Wilson and Cook, 1972

Journal of Agricultural and Food Chemistry. 20: 391

dieldrin

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
Animal ID 1 (64.8 mg/day / 1)				
7			1.5 / 3 / UP	0.058 / 1 / UP
14	1.3 / 1 / UP	0.13 / 2 / UP	2.8 / 3 / UP	0.11 / 1 / UP
21			2.7 / 3 / UP	0.11 / 1 / UP
28	1.6 / 1 / UP	0.16 / 2 / UP	2.9 / 3 / UP	0.12 / 1 / UP
35			3.9 / 3 / UP	0.16 / 1 / UP
42	2.9 / 1 / LD	0.29 / 2 / LD	3.1 / 3 / LD	0.13 / 1 / LD
Animal ID 2 (63 mg/day / 1)				
7			1.4 / 3 / UP	0.057 / 1 / UP
14	0.0018 / 1 / LD-7	1.8E-04 / 2 / LD-7	2.1 / 3 / UP	0.085 / 1 / UP
21			3.3 / 3 / LD	0.13 / 1 / LD
28	1.6 / 1 / LD+7	0.16 / 2 / LD+7	2.7 / 3 / DP	0.11 / 1 / DP
35			2.1 / 3 / DP	0.085 / 1 / DP
42	1.3 / 1 / DP	0.13 / 2 / DP	1.3 / 3 / DP	0.05 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Wszolek et al., 1980

Bulletin of Environmental Contamination and Toxicology. 24: 296

fenvalerate

Day	Beef fat	Beef tissue	Milk fat	Whole milk
		Concentration in mg/kg		
Animal ID 1 (113.5 mg/day / 1)				
2			1.2 / 3 / UP	0.047 / 1 / UP
3			0.53 / 3 / UP	0.021 / 1 / UP
4			0.95 / 3 / LD	0.038 / 1 / LD
5			1.2 / 3 / DP	0.048 / 1 / DP
6			0.53 / 3 / DP	0.021 / 1 / DP
Animal ID 2 (340.5 mg/day / 1)				
2			0.93 / 3 / UP	0.037 / 1 / UP
3			3.6 / 3 / UP	0.14 / 1 / UP
4			4.8 / 3 / LD	0.19 / 1 / LD
5			6.3 / 3 / DP	0.25 / 1 / DP
6			2.4 / 3 / DP	0.095 / 1 / DP
7			1.2 / 3 / DP	0.049 / 1 / DP
8			0.5 / 3 / DP	0.02 / 1 / DP
9			0.25 / 3 / DP	0.01 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Zweig et al., 1961

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DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
Animal ID H2 (20 mg/day / 1)				
2			0.25 / 2 / UP	0.01 / 1 / UP
5			0.25 / 2 / UP	0.01 / 1 / UP
7			0.5 / 2 / UP	0.02 / 1 / UP
12			0.25 / 2 / UP	0.01 / 1 / UP
16			0.5 / 2 / UP	0.02 / 1 / UP
19			0.5 / 2 / UP	0.02 / 1 / UP
24			0.25 / 2 / UP	0.01 / 1 / UP
27			0.5 / 2 / UP	0.02 / 1 / UP
31			0.75 / 2 / LD	0.03 / 1 / LD
33			0.25 / 2 / DP	0.01 / 1 / DP
35			0.25 / 2 / DP	0.01 / 1 / DP
41			0.25 / 2 / DP	0.01 / 1 / DP
43			0.25 / 2 / DP	0.01 / 1 / DP
Animal ID G1 (40 mg/day / 1)				
2			0.25 / 2 / UP	0.01 / 1 / UP
5			0.75 / 2 / UP	0.03 / 1 / UP
7			0.75 / 2 / UP	0.03 / 1 / UP
9			1 / 2 / UP	0.04 / 1 / UP
12			1.5 / 2 / UP	0.06 / 1 / UP
16			1.5 / 2 / UP	0.06 / 1 / UP
19			1.3 / 2 / UP	0.05 / 1 / UP
24			1 / 2 / UP	0.04 / 1 / UP
27			2.5 / 2 / UP	0.1 / 1 / UP
31			1.3 / 2 / LD	0.05 / 1 / LD
33			0.75 / 2 / DP	0.03 / 1 / DP
35			0.5 / 2 / DP	0.02 / 1 / DP
37			1.3 / 2 / DP	0.05 / 1 / DP
Animal ID H4 (60 mg/day / 1)				
2			1 / 2 / UP	0.04 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Zweig et al., 1961

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DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
5			0.75 / 2 / UP	0.03 / 1 / UP
7			2 / 2 / UP	0.08 / 1 / UP
9			1.3 / 2 / UP	0.05 / 1 / UP
12			1.8 / 2 / UP	0.07 / 1 / UP
16			2.3 / 2 / UP	0.09 / 1 / UP
19			2 / 2 / UP	0.08 / 1 / UP
24			2.3 / 2 / UP	0.09 / 1 / UP
27			2.5 / 2 / UP	0.1 / 1 / UP
31			2.3 / 2 / LD	0.09 / 1 / LD
33			1 / 2 / DP	0.04 / 1 / DP
35			1 / 2 / DP	0.04 / 1 / DP
37			0.25 / 2 / DP	0.01 / 1 / DP
39			0.75 / 2 / DP	0.03 / 1 / DP
41			1 / 2 / DP	0.04 / 1 / DP
43			0.75 / 2 / DP	0.03 / 1 / DP
Animal ID G2 (100 mg/day / 1)				
2			4 / 2 / UP	0.16 / 1 / UP
5			6 / 2 / UP	0.24 / 1 / UP
7			8 / 2 / UP	0.32 / 1 / UP
9			6.3 / 2 / UP	0.25 / 1 / UP
12			5.5 / 2 / UP	0.22 / 1 / UP
16			6.3 / 2 / UP	0.25 / 1 / UP
19			4.5 / 2 / UP	0.18 / 1 / UP
24			5 / 2 / UP	0.2 / 1 / UP
27			7.8 / 2 / UP	0.31 / 1 / UP
31			5.3 / 2 / LD	0.21 / 1 / LD
33			1.8 / 2 / DP	0.07 / 1 / DP
37			1.3 / 2 / DP	0.05 / 1 / DP
39			2.3 / 2 / DP	0.09 / 1 / DP
41			1.5 / 2 / DP	0.06 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

Zweig et al., 1961

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DDT

Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
43			1 / 2 / DP	0.04 / 1 / DP
Animal ID H1 (10 mg/day / 1)				
27			0.5 / 2 / UP	0.02 / 1 / UP
31			0.25 / 2 / LD	0.01 / 1 / LD
35			0.25 / 2 / DP	0.01 / 1 / DP
37			0.25 / 2 / DP	0.01 / 1 / DP
Animal ID J2 (20 mg/day / 1)				
7			0.5 / 2 / UP	0.02 / 1 / UP
9			0.25 / 2 / UP	0.01 / 1 / UP
12			0.5 / 2 / UP	0.02 / 1 / UP
19			0.25 / 2 / UP	0.01 / 1 / UP
24			0.5 / 2 / UP	0.02 / 1 / UP
27			0.75 / 2 / UP	0.03 / 1 / UP
31			0.25 / 2 / LD	0.01 / 1 / LD
33			0.25 / 2 / DP	0.01 / 1 / DP
35			0.5 / 2 / DP	0.02 / 1 / DP
37			0.25 / 2 / DP	0.01 / 1 / DP
41			0.25 / 2 / DP	0.01 / 1 / DP
Animal ID H3 (40 mg/day / 1)				
1			0.25 / 2 / UP	0.01 / 1 / UP
2			1.3 / 2 / UP	0.05 / 1 / UP
5			0.75 / 2 / UP	0.03 / 1 / UP
7			0.25 / 2 / UP	0.01 / 1 / UP
9			0.25 / 2 / UP	0.01 / 1 / UP
12			0.75 / 2 / UP	0.03 / 1 / UP
16			1 / 2 / UP	0.04 / 1 / UP
19			0.5 / 2 / UP	0.02 / 1 / UP
24			0.5 / 2 / UP	0.02 / 1 / UP
27			1.3 / 2 / UP	0.05 / 1 / UP
31			1.3 / 2 / LD	0.05 / 1 / LD

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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Day	Concentration in mg/kg Beef fat	Beef tissue	Milk fat	Whole milk
33			0.5 / 2 / DP	0.02 / 1 / DP
35			0.25 / 2 / DP	0.01 / 1 / DP
37			1.5 / 2 / DP	0.06 / 1 / DP
43			0.25 / 2 / DP	0.01 / 1 / DP
Animal ID J3 (60 mg/day / 1)				
1			0.25 / 2 / UP	0.01 / 1 / UP
2			1.5 / 2 / UP	0.06 / 1 / UP
5			1.5 / 2 / UP	0.06 / 1 / UP
7			3 / 2 / UP	0.12 / 1 / UP
9			3 / 2 / UP	0.12 / 1 / UP
12			4.5 / 2 / UP	0.18 / 1 / UP
16			3.8 / 2 / UP	0.15 / 1 / UP
19			3.5 / 2 / UP	0.14 / 1 / UP
24			2.8 / 2 / UP	0.11 / 1 / UP
27			3 / 2 / UP	0.12 / 1 / UP
31			1.5 / 2 / LD	0.06 / 1 / LD
33			1 / 2 / DP	0.04 / 1 / DP
35			1 / 2 / DP	0.04 / 1 / DP
37			0.5 / 2 / DP	0.02 / 1 / DP
41			1 / 2 / DP	0.04 / 1 / DP
Animal ID H5 (100 mg/day / 1)				
2			0.5 / 2 / UP	0.02 / 1 / UP
5			0.5 / 2 / UP	0.02 / 1 / UP
7			2 / 2 / UP	0.08 / 1 / UP
9			1.5 / 2 / UP	0.06 / 1 / UP
12			1.8 / 2 / UP	0.07 / 1 / UP
16			2.3 / 2 / UP	0.09 / 1 / UP
19			2.3 / 2 / UP	0.09 / 1 / UP
24			2.5 / 2 / UP	0.1 / 1 / UP
27			2.5 / 2 / UP	0.1 / 1 / UP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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DDT

	Concentration in mg/kg			
Day	**Beef fat**	**Beef tissue**	**Milk fat**	**Whole milk**
31			2.5 / 2 / LD	0.1 / 1 / LD
33			0.5 / 2 / DP	0.02 / 1 / DP
35			0.75 / 2 / DP	0.03 / 1 / DP
41			0.75 / 2 / DP	0.03 / 1 / DP

Note: Animal data includes (chemical intake / score). Concentration data includes (concentration / score / stage).

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