

TABLE 19
Mean Body Weights and Survival of Male Rats in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	0 ppm		5 ppm			15 ppm		
	Av. Wt. (g)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	130.45	48	133.46	102.31	40	131.81	101.04	48
3	165.58	48	166.32	100.45	40	164.96	99.63	48
4	197.70	48	199.39	100.85	40	197.23	99.76	48
5	225.08	48	226.30	100.54	40	222.88	99.02	48
6	246.27	48	247.37	100.45	40	243.79	98.99	48
7	268.54	48	267.65	99.67	40	263.14	97.99	48
8	282.22	48	284.35	100.75	40	278.58	98.71	48
9	299.23	48	300.36	100.38	40	294.63	98.46	48
10	313.78	47	314.06	100.09	40	307.43	97.98	48
11	327.53	47	326.15	99.58	40	318.61	97.28	48
12	338.14	47	336.83	99.61	40	328.74	97.22	48
16	363.43	47	361.48	99.46	40	351.18	96.63	48
20	392.53	47	389.87	99.32	40	381.59	97.21	48
24	409.38	47	408.64	99.82	40	402.21	98.25	48
28	419.77	47	421.14	100.33	40	416.38	99.19	48
32	434.95	47	433.71	99.71	40	432.03	99.33	48
36	450.20	47	448.53	99.63	40	446.89	99.26	48
40	461.11	47	460.45	99.86	40	458.65	99.47	48
44	469.09	45	470.38	100.28	40	467.54	99.67	48
48	479.82	45	478.82	99.79	40	477.98	99.62	48
52	488.91	44	489.74	100.17	40	488.10	99.83	48
56	495.99	44	497.62	100.33	40	497.58	100.32	48
60	502.18	43	503.84	100.33	40	505.25	100.61	48
64	508.47	43	509.92	100.29	40	513.54	101.00	47
68	514.79	43	514.68	99.98	40	516.13	100.26	45
72	520.42	43	518.09	99.55	40	516.06	99.16	44
76	525.19	43	521.43	99.28	39	520.43	99.09	42
80	529.42	43	524.23	99.02	38	520.57	98.33	40
84	519.97	42	521.13	100.22	35	516.16	98.27	40
88	510.89	39	510.50	99.92	31	510.59	99.94	39
92	513.41	33	507.28	98.81	28	507.80	98.91	36
96	509.57	29	506.59	99.42	25	498.76	97.88	34
100	481.77	25	496.19	102.99	20	492.73	102.27	29
104	470.56	19	486.23	103.33	18	489.99	104.13	27
106	453.92	17	477.67	105.23	17	481.07	105.98	25
Mean for weeks								
2-13	254.05		254.75	100.28		250.16	98.47	
14-52	436.92		436.28	99.85		432.26	98.93	
53-106	504.04		506.81	100.55		506.19	100.43	

TABLE 19
Mean Body Weights and Survival of Male Rats in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	50 ppm			150 ppm		
	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	128.63	98.60	48	133.51	102.35	48
3	161.39	97.47	48	164.63	99.43	48
4	192.18	97.21	48	194.37	98.32	48
5	215.86	98.90	48	217.43	96.60	48
6	236.87	96.18	48	238.76	96.95	48
7	257.05	95.72	48	257.14	95.75	48
8	270.63	95.89	48	270.72	95.93	48
9	286.98	95.91	48	287.33	96.02	48
10	300.31	95.71	48	300.39	95.73	48
11	311.49	95.10	48	312.65	95.46	48
12	322.30	95.32	48	323.81	95.76	48
16	346.16	95.25	48	346.38	95.31	48
20	374.08	95.30	48	376.18	95.83	48
24	389.77	95.21	48	394.69	96.41	48
28	401.46	95.64	48	406.89	96.93	48
32	416.66	95.79	48	420.49	96.68	48
36	432.33	96.03	47	433.09	96.20	48
40	444.14	96.32	47	447.54	97.06	48
44	454.13	96.81	45	456.96	97.41	48
48	465.14	96.94	44	465.29	96.97	44
52	475.55	97.27	44	474.79	97.11	44
56	486.32	98.05	44	483.07	97.40	44
60	492.07	97.99	44	488.74	97.32	43
64	499.60	98.26	43	495.88	97.52	43
68	505.33	98.16	43	502.71	97.65	43
72	511.59	98.30	42	508.11	97.63	43
76	513.85	97.84	41	509.39	96.99	43
80	516.11	97.49	41	507.30	95.82	41
84	511.72	98.41	39	504.73	97.07	41
88	506.70	99.18	36	504.14	98.68	40
92	505.31	98.42	31	505.97	98.55	38
96	500.68	98.26	27	507.44	99.58	35
100	486.04	100.89	22	504.15	104.65	33
104	476.78	101.32	20	491.46	101.44	29
106	483.58	106.53	18	481.50	106.08	25
Mean for weeks						
2-13	243.97	96.03		245.52	96.64	
14-52	419.94	96.11		422.23	96.64	
53-106	499.69	99.14		499.61	99.12	

TABLE 20
Mean Body Weights and Survival of Female Rats in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	0 ppm		5 ppm			15 ppm		
	Av. Wt. (g)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	106.71	48	105.60	98.96	40	107.36	100.61	48
3	124.34	48	123.73	99.51	40	123.44	99.28	48
4	137.20	48	136.55	99.53	40	136.31	99.35	48
5	148.79	48	146.49	98.45	40	146.70	98.60	48
6	157.57	48	155.22	98.51	40	155.34	98.58	48
7	164.53	48	161.66	98.26	40	161.20	97.98	48
8	170.56	48	168.15	98.59	40	168.45	98.76	48
9	176.17	48	174.15	98.85	40	171.98	97.62	48
10	181.14	48	179.15	98.90	40	177.23	97.84	48
11	185.89	48	183.52	98.73	40	181.04	97.39	48
12	191.92	48	188.26	98.09	40	188.96	98.46	48
16	200.95	48	199.71	99.38	40	198.19	98.63	48
20	211.58	48	212.70	100.53	40	209.88	99.20	48
24	221.60	48	222.09	100.22	40	219.53	99.07	48
28	230.54	48	231.52	100.43	40	229.79	99.67	48
32	238.72	48	240.50	100.75	40	238.11	99.74	48
36	245.42	47	248.15	101.11	40	245.46	100.02	48
40	250.90	47	253.62	101.08	40	250.56	99.86	48
44	256.21	47	258.43	100.87	40	256.96	100.29	48
48	264.52	46	265.87	100.51	38	265.67	100.43	48
52	274.13	46	277.68	101.30	38	276.73	100.95	48
56	284.46	46	288.42	101.39	38	288.04	101.26	48
60	295.59	46	299.27	101.24	38	299.97	101.48	47
64	305.64	46	309.47	101.25	38	310.15	101.48	47
68	315.80	46	318.66	100.91	35	320.11	101.36	46
72	324.55	46	330.45	101.82	34	328.95	101.36	45
76	330.92	46	337.74	102.06	33	336.77	101.77	43
80	336.29	45	344.22	102.36	33	341.83	101.65	41
84	340.46	43	345.68	101.53	32	343.86	101.00	40
88	342.04	39	349.22	102.10	31	340.10	99.43	39
92	350.20	37	351.40	100.34	28	341.88	97.62	34
96	351.95	37	361.68	102.76	24	348.02	98.88	31
100	347.89	34	353.65	101.66	24	357.47	102.75	28
104	342.70	29	355.17	103.64	22	358.87	101.72	26
106	356.39	25	360.23	101.08	22	362.04	101.59	24
Mean for weeks								
2-13	158.62		156.59	98.72		156.18	98.46	
14-52	239.46		241.03	100.66		239.09	99.85	
53-106	330.35		336.09	101.74		334.15	100.15	

TABLE 20
Mean Body Weights and Survival of Female Rats in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	50 ppm			100 ppm		
	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	106.12	99.45	48	108.22	101.42	48
3	123.31	99.17	48	124.43	100.07	48
4	137.23	100.02	48	137.02	99.87	48
5	148.12	99.55	48	146.43	98.41	48
6	156.20	99.13	48	155.11	98.44	48
7	163.68	99.48	48	160.26	97.40	48
8	170.26	99.82	48	166.61	97.68	48
9	175.85	99.82	48	170.73	96.91	48
10	181.37	100.13	48	176.66	97.53	48
11	184.24	99.11	48	179.15	96.37	48
12	191.00	99.52	48	186.77	97.32	48
16	199.81	99.43	48	194.61	96.84	48
20	209.34	98.94	48	203.02	95.95	48
24	218.29	98.51	48	210.80	95.13	48
28	227.71	98.77	48	219.52	95.22	48
32	235.51	98.66	48	227.31	95.22	48
36	242.91	98.98	48	234.23	95.44	48
40	248.64	99.10	48	238.91	95.22	48
44	253.83	99.07	48	244.30	95.35	48
48	262.34	99.18	45	251.07	94.92	48
52	274.40	100.10	45	261.81	95.51	48
56	284.33	99.95	45	272.66	95.85	48
60	296.01	100.14	44	282.26	95.49	48
64	306.53	100.29	44	293.02	95.87	48
68	317.05	100.40	44	301.72	95.54	48
72	325.93	100.43	44	310.37	95.63	46
76	333.68	100.83	44	316.51	95.65	46
80	339.43	100.93	43	321.26	95.53	45
84	341.85	100.41	40	322.77	94.80	45
88	345.92	101.13	40	326.43	95.44	42
92	350.89	100.20	39	330.46	94.36	42
96	354.74	100.79	36	328.65	93.38	38
100	350.38	100.72	35	347.61	99.92	33
104	351.94	100.27	30	352.25	102.79	32
106	357.40	100.28	30	355.70	99.81	29
Mean for weeks						
2-13	157.94	99.57		155.58	98.08	
14-52	237.28	99.09		228.56	95.45	
53-106	332.58	100.68		318.69	96.47	

TABLE 30
Mean Body Weights and Survival of Male Mice in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	0 ppm		5 ppm			15 ppm		
	Av. Wt. (g)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	21.79	48	21.55	98.90	48	21.68	99.50	48
3	23.26	48	23.05	99.10	48	22.97	98.75	48
4	23.94	48	23.74	99.16	48	23.54	98.33	48
5	24.54	48	24.67	100.53	48	24.31	99.06	48
6	25.31	48	25.68	101.46	48	25.19	99.53	48
7	26.11	48	26.48	101.42	48	25.46	97.51	48
8	26.04	47	26.79	102.88	48	26.09	100.19	48
9	26.88	47	26.89	100.04	48	26.45	98.40	48
10	26.79	47	27.34	102.05	48	26.73	99.78	48
11	27.43	47	27.62	100.69	48	27.05	98.61	48
12	27.80	47	27.47	98.81	48	27.19	97.81	48
16	28.78	47	28.80	100.07	48	28.35	98.51	48
20	29.67	47	29.61	99.80	48	29.55	99.60	48
24	30.36	47	30.26	99.67	48	30.11	99.18	48
28	31.26	47	31.44	100.58	47	30.98	99.10	48
32	31.88	47	32.31	101.35	47	31.56	99.00	48
36	32.40	47	32.67	100.83	47	32.10	99.07	48
40	32.64	47	32.66	100.06	47	31.96	97.92	48
44	32.52	47	32.92	101.23	46	31.94	98.22	48
48	32.82	47	33.14	100.98	46	32.19	98.08	48
52	33.28	47	33.52	100.72	45	32.33	97.15	48
56	32.87	47	33.52	101.98	45	32.46	98.75	48
60	32.18	47	33.59	104.38	44	32.08	99.69	48
64	32.51	46	33.45	102.89	43	32.33	99.45	48
68	32.57	45	34.08	104.64	43	32.69	100.37	48
72	33.40	45	34.56	103.47	42	33.06	98.98	48
76	33.79	45	34.74	102.81	42	32.66	96.66	48
80	33.65	45	33.56	99.73	42	33.26	98.84	48
84	33.65	44	33.57	99.76	42	32.93	97.86	48
88	33.48	44	33.37	99.67	42	32.65	97.52	48
92	34.29	44	34.25	99.88	42	33.60	97.99	47
96	33.87	43	33.87	100.00	42	33.60	99.20	47
100	33.30	41	34.60	103.90	41	33.11	99.43	45
104	32.96	41	34.35	104.22	40	32.09	97.36	45
106	33.08	41	33.64	101.69	39	32.53	98.34	45
Mean for weeks								
2-13	25.44		25.57	100.51		25.15	98.86	
14-52	31.56		31.73	100.54		31.11	98.57	
53-106	33.26		33.94	102.04		32.79	98.59	

TABLE 30
Mean Body Weights and Survival of Male Mice in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	80 ppm			150 ppm		
	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	21.65	99.36	48	21.29	97.71	48
3	23.14	99.48	48	22.84	98.19	48
4	23.89	99.79	48	23.54	98.33	48
5	24.64	100.41	48	24.10	98.21	48
6	24.94	98.54	48	24.94	98.54	48
7	25.96	99.43	48	25.61	98.09	48
8	26.51	101.80	48	26.04	100.00	48
9	26.65	99.14	48	25.51	94.90	48
10	27.11	101.19	48	26.41	98.58	48
11	27.43	100.00	48	27.40	99.89	48
12	27.36	98.42	48	27.29	98.17	48
16	28.51	99.06	47	28.34	98.47	48
20	29.71	100.13	47	29.87	100.67	48
24	30.64	100.92	47	30.38	100.07	48
28	31.68	101.34	47	31.24	99.94	48
32	32.54	102.07	47	31.94	100.19	48
36	33.41	103.12	47	32.46	100.19	48
40	33.23	101.81	47	33.14	101.53	48
44	33.28	102.34	46	32.91	101.20	48
48	33.38	101.71	46	33.15	101.01	48
52	33.96	102.04	43	33.44	100.48	48
56	33.82	102.89	43	33.31	101.34	48
60	32.99	102.52	43	32.73	101.71	48
64	33.05	101.66	43	32.84	101.02	48
68	33.59	103.13	43	33.63	103.25	48
72	34.37	102.90	43	33.83	101.29	48
76	34.20	101.21	43	33.50	99.14	48
80	34.17	101.55	43	33.21	98.69	48
84	33.67	100.06	43	33.05	98.22	48
88	33.68	100.60	42	33.14	98.98	47
92	34.58	100.85	42	33.99	99.13	46
96	34.48	101.80	40	33.87	100.00	46
100	34.36	103.18	39	33.64	101.02	45
104	34.02	103.22	37	33.31	101.06	43
106	34.18	103.33	37	33.76	102.06	43
Mean for weeks						
2-13	25.39	99.80		25.00	98.27	
14-52	32.03	101.49		31.69	100.41	
53-106	33.94	102.04		33.42	100.48	

TABLE 31
Mean Body Weights and Survival of Female Mice in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	0 ppm		5 ppm			15 ppm		
	Av. Wt. (g)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	17.17	48	17.28	100.64	52	17.13	99.77	48
3	17.68	48	17.53	99.15	52	17.48	98.87	48
4	17.98	48	18.07	100.50	48	18.12	100.78	48
5	18.57	48	18.39	99.03	48	18.50	99.62	48
6	19.13	47	18.98	99.22	48	18.83	98.43	48
7	19.06	47	19.22	100.84	48	19.09	100.16	48
8	19.27	47	19.33	100.31	48	19.42	100.78	48
9	19.66	47	19.26	97.97	48	19.60	99.69	48
10	19.73	47	19.46	98.63	48	20.07	101.72	48
11	20.32	47	19.89	97.88	48	20.28	99.80	48
12	20.39	47	20.04	98.28	48	20.25	99.31	48
16	21.23	47	21.02	99.01	48	21.26	100.14	48
20	21.79	47	21.71	99.63	48	22.00	100.96	48
24	22.64	47	22.32	98.59	48	22.39	98.90	48
28	23.54	47	23.11	98.17	48	23.45	99.62	48
32	24.43	47	24.09	98.61	48	24.32	99.55	48
36	24.61	47	24.75	100.57	48	24.55	99.76	48
40	24.81	47	24.60	99.15	48	24.68	99.48	48
44	24.70	47	24.40	98.79	48	24.49	99.15	48
48	24.87	47	24.84	99.88	48	24.86	99.96	48
52	25.38	47	25.44	100.24	48	25.37	99.96	48
56	25.14	47	25.06	99.68	48	25.11	99.88	48
60	25.42	47	25.26	99.37	48	25.48	100.24	48
64	25.75	46	25.61	99.46	48	25.86	100.43	48
68	25.99	46	25.90	99.65	48	25.98	99.96	48
72	26.37	46	26.18	99.28	47	26.17	99.24	48
76	26.53	46	26.57	100.15	46	26.55	100.08	48
80	26.33	45	26.42	100.34	46	26.74	101.56	48
84	26.40	45	26.38	99.92	46	26.44	100.15	47
88	26.63	45	26.46	99.36	46	26.61	99.92	47
92	27.92	40	27.61	98.89	46	27.42	98.21	47
96	27.68	38	27.78	100.36	45	27.29	98.59	47
100	27.85	37	27.48	98.67	45	27.66	99.32	47
104	27.77	36	27.46	98.88	45	27.41	98.70	47
106	28.12	35	27.96	99.43	44	27.26	96.94	46
Mean for weeks								
2-13	19.00		18.86	99.26		18.98	99.89	
14-52	23.80		23.63	99.29		23.74	99.75	
53-106	26.71		26.58	99.51		26.57	99.48	

TABLE 31
Mean Body Weights and Survival of Female Mice in the 2-Year Feed Study of Fumonisin B₁

Weeks on Study	50 ppm			80 ppm		
	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors	Av. Wt. (g)	Wt. (% of controls)	No. of Survivors
2	17.21	100.23	48	17.16	99.94	48
3	17.38	98.30	48	17.63	99.72	48
4	17.89	99.50	48	18.09	100.61	48
5	18.46	99.41	48	18.57	100.00	48
6	19.07	99.69	48	18.77	98.12	48
7	19.03	99.84	48	19.21	100.79	48
8	19.41	100.73	48	19.22	99.74	48
9	19.69	100.15	48	19.63	99.85	48
10	20.11	101.93	48	19.54	99.04	48
11	20.28	99.80	48	19.95	98.18	48
12	20.63	101.18	48	20.00	98.09	48
16	21.33	100.47	48	20.88	98.35	48
20	21.73	99.72	48	21.83	100.18	48
24	22.41	98.98	48	22.37	98.81	48
28	23.51	99.87	48	23.31	99.02	48
32	24.41	99.92	48	24.32	99.55	48
36	24.90	101.18	48	25.06	101.83	48
40	25.02	100.85	48	25.02	100.85	48
44	24.54	99.35	48	24.28	98.30	48
48	25.02	100.60	48	25.11	100.97	48
52	25.62	100.95	48	25.69	101.22	48
56	25.65	102.03	48	25.61	101.87	47
60	26.00	102.28	48	25.86	101.73	46
64	26.00	100.97	48	26.05	101.17	44
68	26.08	100.35	47	27.29	105.00	41
72	26.72	101.33	45	27.73	105.16	41
76	27.59	104.00	45	27.99	105.50	40
80	27.44	104.22	45	28.58	108.55	40
84	27.69	104.89	44	28.40	107.58	38
88	27.89	104.73	44	27.84	104.54	35
92	28.56	102.29	43	28.50	102.08	33
96	29.58	106.86	42	28.92	104.48	31
100	30.10	108.08	42	28.74	103.20	31
104	29.83	107.42	40	28.50	102.63	29
106	29.60	105.26	39	28.82	102.49	28
Mean for weeks						
2-13	19.01	100.05		18.89	99.42	
14-52	23.85	100.21		23.79	99.96	
53-106	27.77	103.97		27.77	103.97	